

**School Committee
Meeting Book**

**October 30, 2019
7:00 pm**

**Town Hall -100 Maple Avenue
Selectmen's Meeting Room**



**SHREWSBURY PUBLIC SCHOOLS
SCHOOL COMMITTEE MEETING**

AGENDA

**October 30, 2019 7:00pm
Town Hall—Selectmen’s Meeting Room
100 Maple Avenue**

Items

Suggested Time Allotments

(Note: The meeting will open at 6:30pm and immediately adjourn to executive session; when executive session is complete, the meeting will be recessed until 7:00pm)

Executive Session 6:30 – 7:00

- A. For the purpose of collective bargaining with the Shrewsbury Education Association – Unit B
- B. For the purpose of reviewing, approving, and/or releasing executive session minutes

I. Public Participation

II. Chairperson’s Report & Members’ Reports

III. Superintendent’s Report

IV. Time Scheduled Appointments:

- A. SHS Educational Television Studio: Student Presentation 7:10 – 7:25
- B. SHS Educational Television Studio Overnight Travel: Vote 7:25 – 7:35
- C. School Nursing & Concussion Data: Annual Report 7:35 – 7:55
- D. Student Enrollment & Class Sizes: Annual Report 7:55 – 8:20

V. Curriculum

VI. Policy

VII. Finance & Operations

- A. Fiscal Year 2021 Budget Priorities & Guidelines: Vote 8:20 – 8:30

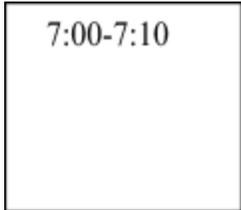
VIII. Old Business

IX. New Business

X. Approval of Minutes 8:30 – 8:35

XI. Executive Session

XII. Adjournment 8:35



Next regular meeting: November 13, 2019



SHREWSBURY PUBLIC SCHOOLS SCHOOL COMMITTEE MEETING

ITEM NO: I Public Participation

MEETING DATE: 10/30/19

SPECIFIC STATEMENT OR QUESTION:

Will the School Committee hear thoughts and ideas from the public regarding the operations and the programs of the school system?

BACKGROUND INFORMATION:

Copies of the policy and procedure for Public Participation are available to the public at each School Committee meeting.

ITEM NO: II. Chairperson's Report/Members' Reports

SPECIFIC STATEMENT OR QUESTION:

Will the School Committee hear a report from the Chairperson of the School Committee and other members of the School Committee who may wish to comment on school affairs?

BACKGROUND INFORMATION:

This agenda item provides an opportunity for the Chairperson and members of the Shrewsbury School Committee to comment on school affairs that are of interest to the community.

STAFF AVAILABLE FOR PRESENTATION:

School Committee Members
Ms. Sandra Fryc, Chairperson
Mr. Jon Wensky, Vice Chairperson
Dr. B. Dale Magee, Secretary
Ms. Lynsey Heffernan, Committee Member
Mr. Jason Palitsch, Committee Member

ITEM NO: III. Superintendent's Report

SPECIFIC STATEMENT OR QUESTION:

Will the School Committee hear a report from Dr. Joseph M. Sawyer, Superintendent of Schools?

BACKGROUND INFORMATION:

This agenda item allows the Superintendent of the Shrewsbury Public Schools to comment informally on the programs and activities of the school system.

STAFF AVAILABLE FOR PRESENTATION:

Dr. Joseph M. Sawyer, Superintendent of Schools

ACTION RECOMMENDED FOR ITEMS I, II, & III:

That the School Committee accept the report and take such action as it deems in the best interest of the school system.



**SHREWSBURY PUBLIC SCHOOLS
SCHOOL COMMITTEE MEETING**

ITEM NO: **IV. Time Scheduled Appointments:** MEETING DATE: **10/30/19**
A. SHS Educational Television Studio: Student Presentation

BACKGROUND INFORMATION:

For more than twenty years, Shrewsbury High School's Educational Television Studio (ETS) has been an important link between the Shrewsbury Public School system and the community. Students involved in the studio produce a wide range of programs that are cablecast on Shrewsbury Media Connection's (SMC) educational access channel. ETS students cover events in every school and at every grade level and provide support for classroom teaching through the production of educational videos. ETS also provides important vocational training for students interested in pursuing careers in video production, journalism and television as well as significant opportunities for students to express their creative and artistic visions. Tonight, ETS Director Maggie Korab and some of her students will give an overview of their TV production experiences in advance of a vote on a proposed field trip for ETS students.

ACTION RECOMMENDED:

That the School Committee accept the report and take such action as it deems in the best interest of the school system.

STAFF & STUDENTS AVAILABLE FOR PRESENTATION:

Ms. Maggie Korab, Shrewsbury High School, Educational Television Studio Director
Students:
Sara Barry
Theodora Chacharone
Max Evers
Cole Ackerman

Shrewsbury High School
64 Holden Street
Shrewsbury, Massachusetts 01545
Office of the Principal



Memorandum

To: Dr. Joseph Sawyer
From: Todd Bazydlo
Date: September 17, 2019
Re: Trip proposal for Student Television Network Convention

Attached please find a request from Ms. Maggie Korab for approval of a five-day trip to Washington DC to attend the Student Television Network Convention from Wednesday, March 11, 2020 to Sunday, March 15, 2020. This convention will allow students the opportunity to experience and explore opportunities in digital video production with their peers from across the United States.

The estimated cost of this trip for ten students and two chaperones is \$1,530.00 per student. This price includes roundtrip air fare, hotel accommodations, conference registration, and food.

The trip will provide students with an excellent opportunity to demonstrate their communication, critical thinking, creativity, and collaboration skills as they conduct comparative field studies, laboratory work, attend lectures, and complete an outcome project.

This packet includes all of the information required by School Committee Policy #537.

Please contact me if you have any further questions.

Shrewsbury High School Mission Statement

The Shrewsbury High School community provides challenging, diverse learning opportunities; promotes creativity and independent thinking; and empowers students to become capable, caring, active contributors to the world in which they live.

Shrewsbury High School Educational Television Studio students

Field Trip Proposal: 3/11/20-3/15/20

Students of the Educational Television Studio at Shrewsbury High School are considering attending the Student Television Network Convention in Washington DC in March 2020. The Student Television Network is an organization that includes high school affiliates all over the United States. This trip will allow students the opportunity to experience and explore opportunities in digital video production. All participants at this conference are high school video production students and high school video production educators. The convention includes multiple training sessions in video production, a myriad of contests such as short film fiction, short film documentary, news reporting, sports editing, public service announcements, spot feature story, anchor team, news writing, movie trailer, and sports highlights.

1. Educational or Extra-Curricular purpose of the trip

The purpose of this trip is for students to explore and expand on their knowledge in digital video storytelling. Students will participate in a variety of training sessions, compete in contests, and visit equipment booths. Students will complete and work with students who are involved in video production all over the United States. Professionals will judge and comment on contest entries.

2. Curriculum unit or units related to the trip

The following curriculum units relate to the STN convention trip:

- Camera Composition
- Editing (Skill Builders)
- News Reporting
- Movie Shorts
- Studio Production

Training sessions and contests at the convention provide opportunities for students to learn more about camera composition, editing techniques, news reporting, movie making, and digital storytelling. Students will apply the knowledge learned to their work in the television studio.

The Student Television Network convention addresses several of the International Society for Technology in Education (ISTE) Standards for Students (<https://www.iste.org/standards/for-students>):

- Empowered Learner
- Digital Citizen
- Knowledge Constructor
- Innovative Designer
- Creative Communicator
- Global Collaborator

3. Proposed classroom preparation for the trip and proposed classroom follow-up after the trip

The curriculum for Advanced Television classes and Television 2 production courses will prepare students for this event.

In addition, students will prepare for this event by:

- Reviewing the 2019 STN Convention video
- Reading all guidelines from STN pertaining to contest and convention participation
- Watching “winning” videos from the 2019 Convention video
- Identifying and practicing new techniques as noted in the “winning” videos

After the trip students will create a video about their trip and include their personal reflections on what they learned.

Destination in detail

Location of Convention:

Washington Hilton, Washington DC

Students will be staying at the hotel during the entire trip.

The hotel rate is provided by the Student Television Network. They have reserved a block of rooms for the convention.

Dates: Thursday, March 12 – Sunday, March 15, 2020

It is expected that students will fly to Washington DC on Wednesday, March 11, 2020 in order to participate in the first contest on March 11 at 7:30 AM.

4. Proposed dates and exact times of departure and return, including departure point and destination point

The dates of the trip are Wednesday, March 11 – Sunday, March 15, 2020. Students will depart from Shrewsbury High School Wednesday morning/afternoon and travel via motor coach/limousine service to the airport(Boston/Providence TBD) where they will fly to Washington, DC. Students will be transported to the Washington Hilton by motorcoach/shuttle. Students will return to Shrewsbury High School on Sunday, March 15, 2020 afternoon/early evening depending on flight schedules.

5. **Number of students participating**

The estimated number of Shrewsbury students attending is 10. Students in Advanced Television production will be offered the opportunity to attend the conference first. Additional available spots will be offered to students in TV 2.
6. **Number and names of adult supervisors**

There will be at least one chaperone per 8 students accompanying us on this trip. The educational television studio director (Maggie Korab) will be attending as well as one additional chaperone (TBD).
7. **Itinerary**

A copy of the proposed itinerary is enclosed.
8. **Sample Form given to parents**

Each parent will receive a proposed itinerary and a payment plan. Included will be a permission slip, a medical release, and a list of behaviors that is expected on the trip. All permissions will be on file with the school.
9. **Costs per student**

The trip is currently priced for 12 travelers.
The projected cost of the trip for quad pricing (4 students per room) is \$1,530.00. The price for triple pricing (3 students per room) is \$1,629.00. This includes flight, hotel, registration, hotel, food, chaperone costs, travel services, and taxes. Rates may fluctuate with changes in number of students and flight costs.
10. **Sources of funding**

Students and parents are responsible for the cost of the trip.
11. **Sponsors, prizes, stipends**

There are no prizes, stipends, tips, gifts, or any other gratuities associated with acquisition of travel and/or accommodations.
There is a price reduction for the hotel rooms. A block of rooms is reserved for those attending the STN Convention.
12. **Informational Meeting**

An informational meeting for all television production students will be held to explain the trip. In addition the educational television studio director will hold a meeting 3-4 weeks prior to the trip to discuss any changes in the itinerary and to reinforce the expected behavior for the trip.
13. **Release Forms**

Each parent will receive a proposed itinerary and a payment plan. Included will be a permission slip, a medical release, and a list of behaviors that is expected on the trip. Each parent will receive a release form that parents must sign releasing the school and employees from liability arising from the trip. All permissions will be on file with the school.
15. **Provisions for members to participate**

All students will be encouraged to participate in this conference. We are currently looking into additional ways to fund this trip so that it is financially possible for students who are interested in attending this conference.

Addendum

Itinerary

Wednesday, March 11
Arrive Late Afternoon
Dinner on your own

Thursday, March 12, 2020

7:30 AM Crazy 8's contest – this is an all day event
Various training sessions
6 PM Opening Ceremony

Friday, March 13, 2020

8:00AM-6:00PM On-Site contests
8:00AM-5:00PM Exhibit Booths Open
8:00AM-6:00PM Professional Sessions
8:00PM Broadcast Excellence/Film Excellence/US ED TV Awards

Saturday, March 14, 2020

8:00AM-6:00PM On-Site contests
8:00AM-5:00PM Exhibit Booths Open
8:00AM-6:00PM Professional Sessions
3:00–5:00 College Fair
6:00 PM ETS Dinner

Sunday, March 15, 2020

10:00AM Closing Ceremony and Awards

Projected Costs \$1550-\$1650 per student

Price may fluctuate and is dependent on airfare, number of students, sponsorship

For more information:

<https://www.studenttelevision.com/convention.htm>



**SHREWSBURY PUBLIC SCHOOLS
SCHOOL COMMITTEE MEETING**

ITEM NO: IV. Time Scheduled Appointments: MEETING DATE: 10/30/19
C. School Nursing & Concussion Data: Annual Report

BACKGROUND INFORMATION:

Each year, the School Committee is updated on the breadth and scope of nursing services provided within the schools. The enclosed information provides details regarding the nurses' work during the past year. Ms. Freeman will make a brief report and answer any questions the Committee has about this topic. A memorandum from Ms. Freeman with nursing statistics and information is enclosed. Per the School Committee policy #649, procedures have been established for dealing with training of individuals in prevention and management of head injuries and concussions, reporting of head injuries and concussions, procedures if injuries occur, and procedures for students returning to school after suffering from one of these injuries. As stated in the policy, an annual report will be presented regarding concussion statistics and management. A memorandum from Ms. Freeman with concussion statistics and information is enclosed.

ACTION RECOMMENDED:

That the School Committee accept the report and take whatever action it deems necessary in the best interest of the Shrewsbury Public Schools.

STAFF AVAILABLE FOR PRESENTATION:

Ms. Noelle Freeman, Director of Nursing, Shrewsbury Public Schools



SHREWSBURY PUBLIC SCHOOLS

Department of School Nursing

Noelle Freeman, BSN, RN, NCSN - Director
45 Oak St, Shrewsbury, MA 01545
Tel.: 508-841-1226 Fax: 508-841-1227
nfreeman@shrewsbury.k12.ma.us



Date: 10/24/19

To: School Committee

Re: Nursing Services 2018-19 Report

Introduction

According to the National Association of School Nurses, "The school nurse supports student success by providing health care through assessment, intervention, and follow-up for all children within the school setting. The school nurse addresses the physical, mental, emotional, and social health needs of students and supports their achievement in the learning process." Shrewsbury Public Schools is fortunate to have a team of talented, dedicated, experienced school nurses who care for our students and staff in all of these ways each day.

Visits to the Nurse

Statistics/percentages for visits to the nurse by category remain consistent with previous years. The total number of visits for the 2018-19 school year shows an increase of 4% when compared with the previous year.

Primary Concern	Number of student visits	Number of staff visits	Total visits
Injury event	9359 (15%)	371 (19%)	10,069
Illness event	33,076 (52%)	710 (35%)	33,447
Management	9534 (14%)	394 (20%)	9,928
Mental/Behavioral Health	4217 (6%)	15 (1%)	4,232
Other health	8437 (13%)	490 (25%)	8,927
TOTAL	64,623	1980	66,603

The percentage of visits to the nurse for mental/behavioral health concerns has remained consistent over a 6 year period, with an average of 5% of total visits documented for this reason between 2013 and 2019. As noted in previous reports, capturing this data can be challenging as many students present to the nurse with physical complaints (headaches, stomach aches, trouble breathing, etc) when the root cause may be social/emotional.

The Shrewsbury Public Schools, in partnership with the community, will provide students with the skills and knowledge for the 21st century, an appreciation of our democratic tradition, and the desire to continue to learn throughout life.

The return to class rate remains consistent over several years at 93%.

School Nurse Staffing

Shrewsbury Public Schools benefit from the presence of at least one full time nurse in each of our 9 school buildings. The school nurse to student ratio at the high school (2.7 FTE school nurses), Oak Middle School (1.4 FTE), and Sherwood Middle School (1.4 FTE) is approximately 1:700; the ratio is approximately 1:550 at Floral Street School (1.3 FTE); approximately 1:350 at Coolidge School, Spring Street School and Paton School (1 FTE each); approximately 1:300 at Beal Early Childhood Center (1 FTE), and approximately 1:250 at Parker Rd Preschool (1 FTE). We are also fortunate to have a full time administrative assistant who is shared between health offices at Shrewsbury High School, Oak Middle School, Sherwood Middle School, Floral Street School.

Emergency Response

Calls to 911 were made on 11 occasions during the 2018 -19 school year; 5 calls were injury related, 5 calls were illness related, and 1 call was behavioral health related.

Epinephrine was administered one time for a student who was experiencing symptoms of anaphylaxis. Stock epinephrine was utilized for a student with a known allergy.

Mandated Screenings

Screening, Brief Intervention, and Referral to Treatment (SBIRT) screenings were added to the list of state mandated screenings in 2017-18. Students in grades 7 and 10 are now screened annually. This verbal screening regarding drug and alcohol use is coordinated by school nurses and conducted in conjunction with school adjustment counselors, guidance counselors and school psychologists. Below is a brief summary of the 2018-19 screening results.

Grade level	# students screened	# parent opt outs	# positive screenings*	# referrals for follow up
7	478	29	5	0
10	421	5	70	1

* a screen is considered “positive” if a student responds with anything other than no use of substances; at OMS 5 students reported very little use; at SHS 64 students reported occasional or very little use, 1 student reported 1-2x/week use, 4 reported more than 2x/week use, and 1 student reported daily use

Field Trips

Field trip preparation was completed for 77 field trips at the K-8 levels. Substitute nurses were scheduled for 43 of these trips. For those trips that did not have a nurse in attendance, nurses provided training for teachers in the administration of auto-injectable epinephrine, and when required, for delegation of oral medication per Massachusetts Department of Public Health regulations.

Case Management

Care management and collaboration is a large component of the work that school nurses do each day. Nurses recorded over 19,000 communications with parents, school staff, and community providers. In addition, collaboration at team meetings to develop Individualized Education Plans (IEPs) or Section 504 Accommodation Plans and other student-related meetings occurs on a regular basis.

Emergency Equipment

Emergency preparedness is critical for school nurses. Our schools have several mechanisms in place to allow our nurses to respond to various emergency situations.

We are in our 4th year of offering a supply stock auto-injectable epinephrine to families as an option to sending in an individual dose for their child. Approximately 80% of families with students who require this medication opt to take advantage of this option.

A supply of naloxone (Narcan) is stocked at each school building for use in the case of suspected opioid overdose.

Automated External Defibrillators (AED) are in place in each of our buildings; staff trainings in CPR and the use of AEDs are offered annually. These classes are offered at no cost to staff thanks to a generous donor, and are taught by three school nurses who are trained American Heart Association instructors.

Tourniquets are stocked in each nurse's emergency bag and in AED cases throughout the district for use in bleeding emergencies. Nurses are trained in the use of tourniquets and are able to offer trainings to interested staff.

Comprehensive School Health Services Grant

In November of 2018 the Director of School Nursing and the Assistant Superintendent for Student Services presented to the School Committee regarding our intent to apply for a Comprehensive School Health Services Grant from the Massachusetts Department of Public Health School Health Unit. The district was awarded this grant in the amount of \$100,000 per year for a period of up to ten years (an initial contract of four years with three, two-year grant extensions available).

Based on district data and experience, the Shrewsbury Public Schools priority population identified in the grant application process was students with mental and behavioral health challenges. To that end, this grant has provided partial funding for the addition of a *Transitions* bridge program at Sherwood Middle School. Similar to the *Transitions* program at Shrewsbury High School, the Sherwood Middle School program serves students who experience significant difficulty with the transition from elementary to middle school, and/or are experiencing mental or behavioral health challenges that interfere with their ability to attend or be successful at school. The program is staffed by a clinician (school adjustment counselor) and an academic support professional, and provides clinical, academic, and family support, as well as care coordination with other school staff and community providers.

In addition, the Comprehensive School Health Services grant will provide funds for an audit of district equity practices. The district is currently in the process of requesting proposals for this work.

The goals and requirements of the Comprehensive School Health Services grant align well with our district strategic priorities of "learning environments where everyone's success matters" and "enhanced well-being of all". It is exciting to think about the impact that this grant funding could have on our students, families and staff.

Community Partnerships

In the Spring of 2019, two Shrewsbury Public Schools nurses served as preceptors for senior nursing students from the Massachusetts College of Pharmacy and Health Sciences (MCPHS) Post Baccalaureate Bachelor of Science in Nursing program. MCPHS students shadowed school nurses for three days each week for five weeks in order to fulfil the clinical requirement for their Community and Home Health Nursing class. Nursing students report that the experience is both valuable and eye-opening, in that the role of the school nurse is much more complex and challenging than they assume at the start of the clinical rotation.

Five MCPHS students are currently in clinical placements with Shrewsbury Public Schools nurses. We continue to receive requests for future clinical placements from MCPHS, and most recently from UMass Medical School's Graduate School of Nursing.



SHREWSBURY PUBLIC SCHOOLS

Department of School Nursing
Noelle Freeman, BSN, RN, NCSN - Director
45 Oak St, Shrewsbury, MA 01545
Tel.: 508-841-1226 Fax: 508-841-1227
nfreeman@shrewsbury.k12.ma.us



Date: 10/22/19

To: School Committee

Re: 2018-2019 Concussion Report

Introduction

According to the CDC’s “Heads Up Concussion” website, “A concussion is a type of traumatic brain injury—or TBI—caused by a bump, blow, or jolt to the head or by a hit to the body that causes the head and brain to move quickly back and forth. This fast movement can cause the brain to bounce around or twist in the skull, creating chemical changes in the brain and sometimes stretching and damaging the brain cells.”

Signs and symptoms typically appear immediately following the injury. However the severity may not be clearly understood for hours or days later. Monitoring of concussion symptoms should take place immediately following the injury and for several days after.

Depending on the severity of the injury, a concussion may have short- or long-term impact on a student’s learning. Some students return to full academics and other activities within 7 - 10 days, while other students can continue to have symptoms that affect their ability to attend classes and complete assignments for months after the initial injury. These students require careful monitoring and academic accommodations in order to ensure an eventual full recovery.

Statistics

A total of 100 concussions were reported to Shrewsbury Public Schools (SPS) school nurses and/or the SHS athletic trainer throughout the 2018-19 school year. This total includes concussions that occurred during athletics and other school activities, as well as those that occurred during outside of school activities.

SHS Athletes	OMS Athletes	District Wide - Concussions occurring during the school day (not including injuries sustained during athletics)	District Wide - concussions occurring during outside of school activities
24	0	18	58

Below is a breakdown of concussions sustained in athletic activities by sport per data collected by Walter Hildebrand, ATC:

	2011-12	2012-13	2013-14	2014-15	2015-16	2016-17	2017-18	2018-2019
Baseball	2	0	0	0	0	0	0	0
Basketball, Boys	1	2	3	0	2	0	1	1
Basketball, Girls	2	2	5	1	0	3	1	3
Cheer	5	1	3	2	1	2	5	0
Crew, Boys	0	2	0	1	0	0	0	0
Crew, Girls	0	1	3	0	1	0	0	0
Track /Cross Country, Boys	0	0	0	0	2	0	1	1
Track/Cross Country, Girls	0	0	0	0	0	0	0	0
Dance	1	0	0	0	0	0	0	0
Field Hockey	0	3	2	4	3	0	0	0
Football	19	13	16	26	12	1	6	8
Gymnastics	0	1	0	1	0	0	0	0
Hockey, Boys	1	4	0	2	2	1	2	1
Hockey, Girls	1	1	1	1	0	0	3	0
Lacrosse, Boys	4	1	1	2	0	0	2	0
Lacrosse, Girls	3	3	0	0	1	1	0	2
Ski	1	0	0	0	0	0	1	0
Soccer, Boys	1	2	2	5	0	3	5	0
Soccer, Girls	4	3	3	4	2	0	1	3
Softball	1	0	2	1	0	0	0	0
Swim, Girls	0	1	0	0	0	0	0	0
Track, Girls	4	1	3	0	0	0	1	0
Volleyball	2	1	3	0	2	0	1	5
TOTAL	52	42	47	50	28	11	30	24

Care of Students with Concussions

As noted in previous reports, school nurses are involved in the care of all students who sustain a concussion. At times, school nurses are the first to recognize symptoms of a concussion, contact families and recommend follow up with a medical provider.

The school nurse then works with the student, family, and outside providers to determine the most appropriate plan for return to school and learning. When the student is ready to return to school, the nurse communicates with appropriate school staff regarding necessary accommodations, and checks in frequently with the student to monitor progress and encourage a balance between school responsibilities and the rest necessary for complete healing. The school nurse also maintains communication with the outside provider to determine when the student is fully cleared to return to all activities. Students must be able to tolerate a full school day of academics before a return to play protocol for return to athletics and PE can be initiated.

When the student is also an SHS athlete, the athletic trainer (ATC) is also involved in the student's care. The ATC assesses students at the time of injury whenever possible, and provides follow up care and recommendations to the student and family. The ATC notifies the SHS school nurses of any suspected or diagnosed concussion, and the nurses work with the student, family and staff as outlined above. When medical clearance is given for return to athletics, the ATC monitors the gradual Return to Play protocol for all student athletes.

Prevention and Education

Education of students, parents, teachers and coaches is our best strategy for concussion prevention. Each of these stakeholders is provided with opportunities to learn about the causes, signs and symptoms of concussion, as well as what to expect for treatment and follow up if a concussion does occur.

Information regarding concussion protocol, return to play, and IMPACT testing is included in Sports Nights presentations hosted by the Director of Athletics at the beginning of each sports season at SHS. As part of the sports registration process, both students and parents are also expected to read the SPS Concussion Manual (available on the Athletics and Nursing Department web pages) and sign off that they have read and understand the information that is provided therein. Concussion information is available as a resource for families on the Department of Nursing and Department of Athletics web pages.

Coaches receive annual concussion training through the National Federation of State High School Associations (NFHS). Each coach completes an online training, and the certificates of completion are kept on file by the athletic trainer. The ATC is available to provide recommendations on how to reduce the risk of concussion and as a general resource for coaching staff throughout school year should they have questions or concerns.



**SHREWSBURY PUBLIC SCHOOLS
SCHOOL COMMITTEE MEETING**

ITEM NO: IV. Time Scheduled Appointments: MEETING DATE: **10/30/19**
D. Student Enrollment & Class Sizes: Annual Report

BACKGROUND INFORMATION:

Each year the district is required to provide a report on enrollment as of October 1 to the Department of Elementary and Secondary Education. An overview of this data will be presented for School Committee review.

Dr. Sawyer and Mr. Collins will present an overview of districtwide enrollment data. The report is enclosed.

Mr. Bazydlo and Mr. Nevader will present an overview of Shrewsbury High School enrollment and class size by department in the enclosed report.

ACTION RECOMMENDED:

That the School Committee accept the report and take whatever steps it deems necessary in the interests of the Shrewsbury Public Schools.

STAFF AVAILABLE FOR PRESENTATION:

Dr. Joseph M. Sawyer, Superintendent
Mr. Patrick C. Collins, Assistant Superintendent for Finance & Operations
Mr. Todd Bazydlo, Principal, Shrewsbury High School
Mr. Gregory Nevader, Assistant Principal, Shrewsbury High School

Shrewsbury Public Schools

Preschool – Grade 12 Enrollment Report

Preschool – Grade 8 Class Size Report

2019-2020

Data based on enrollment numbers as of October 1, 2019

SHREWSBURY PUBLIC SCHOOLS ENROLLMENT HISTORY

The Importance and Uses of Enrollment Data

Statistical Reports

The Massachusetts Department of Elementary and Secondary Education Student Information Management System (SIMS) is a student-level data collection system that allows the Department to collect and analyze accurate and comprehensive information, to meet federal and state reporting requirements, and to inform policy and programmatic decisions. The SIMS has two important components:

- A unique student identifier for all students receiving a publicly funded education in Massachusetts, and
- Transmissions of data from districts to the Department for all students via the security portal.

Currently, there are 52 data elements that are submitted for each student record. Each student record is submitted three times per year to the Department.

Since student enrollment actually changes virtually every day, the October 1st enrollment is used as the annual “snapshot” of headcount enrollment and used for comparative purposes year over year and between districts.

State and Federal Funding

Student enrollment and demographics are captured by the 52 data elements reported in SIMS. This is where, for example, students are coded as English Language Learners, Special Education, Economically Disadvantaged, etc. For Chapter 70 state aid, the October 1st data is used to derive Foundation Enrollment and calculate each district’s Foundation Budget. and correspondingly distribute state aid. Furthermore, federal grant entitlement funds are allocated to each school district based upon district enrollment and student demographics as well.

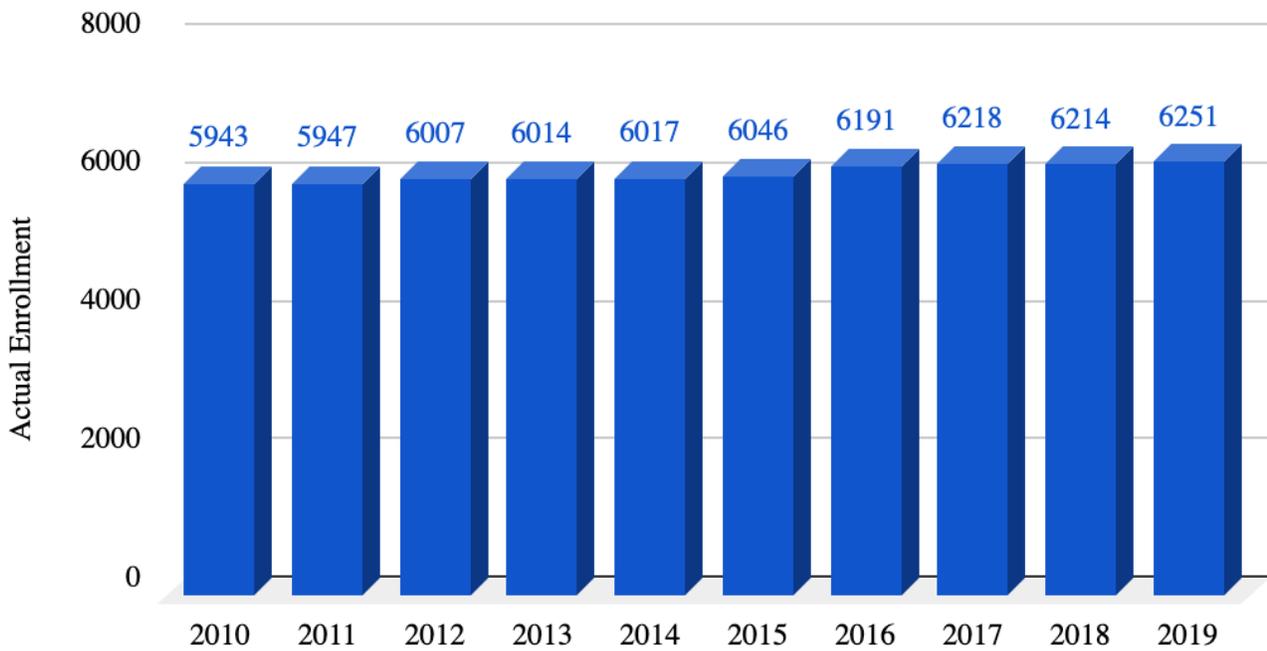
Local Budget and Capital Planning

On a local level, we use the October 1st enrollment historical data to make near term enrollment projections for class size purposes and staffing needs. When applying for a state-funded school project to the Massachusetts School Building Authority this same data, along with other factors, is used to make long-term enrollment projections to “right-size” building projects for the future.

In-District PreK-12 Actual Enrollment: 2010-2019

The chart below illustrates the district’s enrollment for the past 10 school years, which reflects growth from 5943 to 6251, an increase of 308 students over the past decade, or 5.18%. The one-year increase from 2018 to 2019 was from 6214 to 6251, a 37 student increase, or 0.6% (six-tenths of one percent).

PreK-12 Actual Enrollment 2010-2019 (as of October 1 of each year)

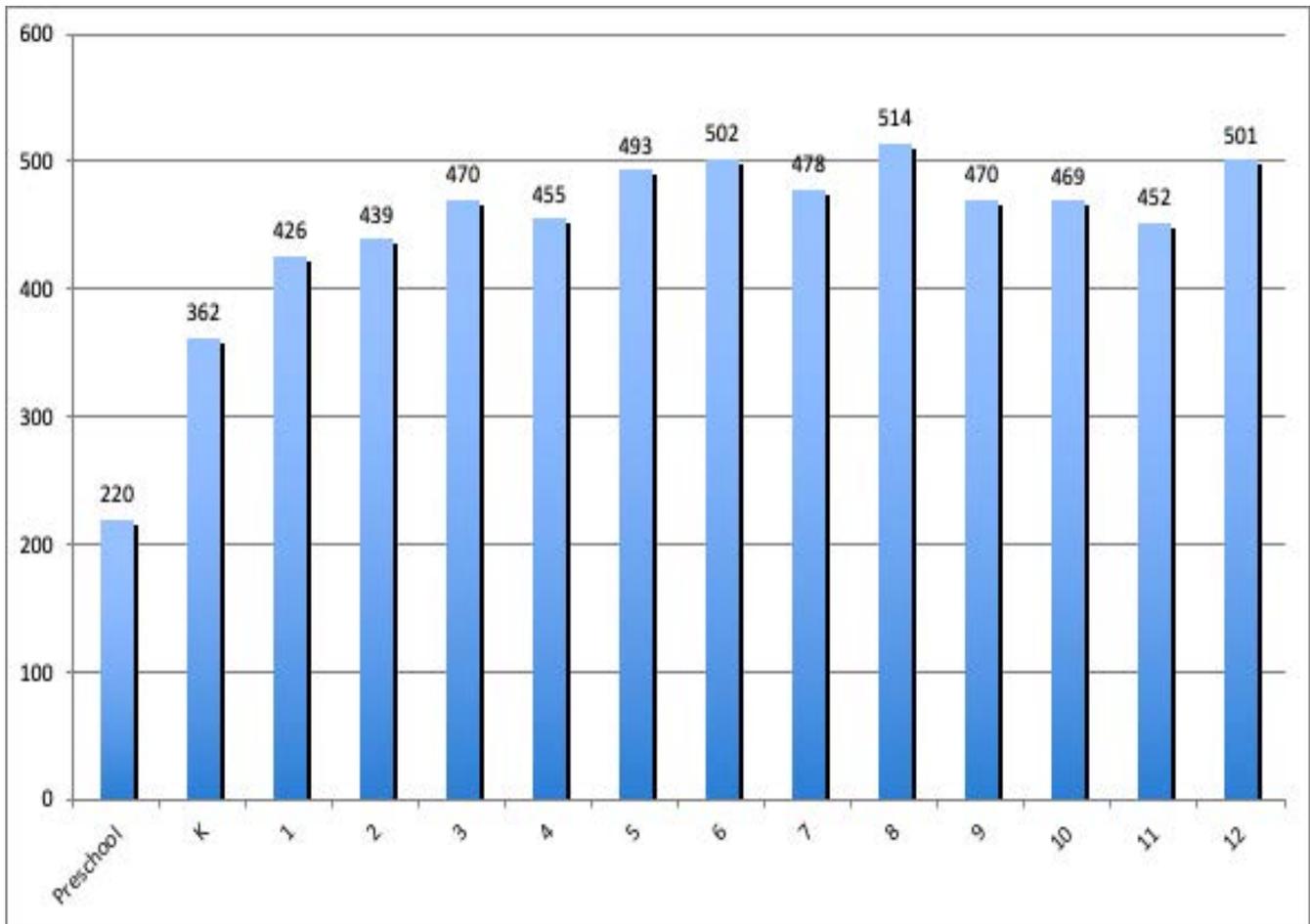


SHREWSBURY PUBLIC SCHOOLS 2019 ENROLLMENT BY GRADE

Enrollment by Grade October 1, 2019

The Department of Elementary and Secondary Education uses enrollment figures as of October 1 of each school year for its official statistics. The in-district populations for each grade in Shrewsbury as of October 1, 2019 are displayed in the chart below:

2019 PreK-12 Enrollment (October 1)



Enrollment History by Grade Level 2010-2019

Grade	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019
PreK	241	243	262	250	234	238	232	237	243	220
K	372	341	364	392	346	356	388	355	351	362
1	429	429	416	399	430	424	418	424	424	426
2	448	457	447	450	430	446	459	437	447	439
3	515	464	474	452	462	439	460	476	454	470
4	472	516	458	480	467	474	462	482	494	455
5	469	485	524	462	487	473	487	464	490	493
6	465	476	465	518	469	500	490	502	468	502
7	435	462	473	490	529	481	511	493	511	478
8	479	443	466	471	478	547	492	516	495	514
9	401	414	408	420	432	413	513	451	460	470
10	417	414	421	406	423	440	428	513	447	469
11	390	413	417	421	410	412	441	429	501	452
12	410	390	412	403	420	403	410	439	429	501
Total P-12	5943	5947	6007	6014	6017	6046	6191	6218	6214	6251
% Annual Change	1.75%	0.07%	1.01%	0.12%	0.05%	0.48%	2.41%	0.44%	-0.06%	0.61%

Special Education Out of District Placements

Grade	Pre	K	1	2	3	4	5	6	7	8	9	10	11	12	13*	Total
2015	0	0	1	1	1	0	1	5	3	5	8	10	10	5	22	72
2016	0	0	0	1	1	1	1	1	4	3	5	9	9	12	22	69
2017	1	0	0	0	2	3	0	2	2	4	3	7	8	6	24	62
2018	1	0	0	0	1	2	4	1	2	1	5	4	5	8	17	51
2019	0	1	0	1	0	2	2	4	2	3	6	7	3	5	26	62

*Grade 13 represents students requiring services until age 22.

Note: Some out of district placements are temporary, so totals fluctuate over the course of the year.

Vocational Technical School Enrollment

Grade	9	10	11	12	Total
2015	37	25	35	24	121
2016	18	31	24	35	108
2017	28	19	28	22	97
2018	34	27	19	27	107
2019	25	34	26	18	103

CLASS SIZE AVERAGES: HISTORY

Kindergarten Average Class Size (School Committee Guidelines 17-19)

*Yellow highlighted sections exceed guidelines by 1 or 2 *Red highlighted sections overenrolled by 3 or more

	Beal	Coolidge	Paton	Spring
2010	21	21	N/A	19
2011	19	19	N/A	18
2012	20	19	N/A	21
2013	19	20	N/A	20
2014	19	20	20	20
2015	20	20	21	20
2016	19	20	20	20
2017	18	20	20	20
2018	16	22	22	21
2019	20	20	20	21
Avg.	19	20	21	20

Middle School Average Class Sizes

(School Committee Guidelines Gr. 5-8 = 22-24)

*Yellow highlighted sections exceed guidelines by 1 or 2 *Red highlighted sections overenrolled by 3 or more

	Grade 5	Grade 6	Grade 7	Grade 8
2010	26	26	24	27
2011	27	26	26	25
2012	29	29	30	29
2013	29	29	31	29
2014	24	23	26	24
2015	24	25	23	27
2016	24	25	26	25
2017	23	25	25	26
2018	25	23	26	25
2019	25	25	24	26
Avg.	26	26	26	26

Elementary Class Size History (Grades 1-4)

*Yellow highlighted sections exceed guidelines by 1 or 2 *Red highlighted sections overenrolled by 3 or more

B=Beal; C=Coolidge; F=Floral P=Paton; S=Spring																	
	Grade 1					Grade 2				Grade 3				Grade 4			
	(SC 20-22)					(SC 20-22)				(SC 22-24)				(SC 22-24)			
	B	C	F	P	S	C	F	P	S	C	F	P	S	C	F	P	S
2010	21	20	23	22	21	21	22	21	20	24	24	26	24	21	23	23	22
2011	22	17	22	21	20	22	24	23	22	21	23	22	21	25	24	26	25
2012	N/A	20	23	20	25	25	22	21	21	22	25	23	23	29	29	28	29
2013	N/A	19	20	19	22	26	30	21	28	27	25	29	21	24	25	24	24
2014	21	22	22	21	22	22	21	20	19	19	24	22	20	22	22	24	22
2015	19	23	21	20	19	21	22	23	22	22	21	20	21	19	24	23	22
2016	23	18	22	19	22	23	21	23	22	23	23	23	24	24	24	22	22
2017	18	22	22	20	18	18	24	20	19	24	24	22	25	24	24	24	25
2018	18	22	22	21	23	22	22	22	18	25	24	22	19	19	22	24	26
2019	22	22	24	20	19	23	20	23	19	23	23	22	26	18	24	22	20
AVG	21	21	22	20	21	22	23	22	21	23	24	23	22	23	24	24	24

**Year-to-Year Progression
Grade 1 to Grade 12**

	1	2	3	4	5	6	7	8	9	10	11	12	Gr. 1-12 % Change
Class of 2020	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	
Enrollment	479	493	515	516	524	518	529	547	513	513	501	501	4.59%
Class of 2019	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	
Enrollment	439	456	465	472	485	465	490	478	413	428	429	429	-2.28%
Class of 2018	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	
Enrollment	440	454	459	459	469	476	474	471	432	441	441	439	-0.23%
Class of 2017	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	
Enrollment	452	468	482	478	473	465	462	466	420	423	412	410	-9.3%
Class of 2016	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	
Enrollment	449	466	452	454	456	436	435	443	408	406	410	403	-10.8%
Class of 2015	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	
Enrollment	484	489	502	507	496	461	466	479	414	421	421	420	-13.2%
Class of 2014	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	
Enrollment	442	464	464	466	462	450	453	439	401	414	417	403	-8.8%
Class of 2013	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	
Enrollment	475	483	480	504	502	488	485	489	421	417	413	412	-13.3%
Class of 2012	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	
Enrollment	420	444	442	464	463	461	449	449	393	398	390	390	-7.1%
Class of 2011	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	
Enrollment	466	471	469	488	494	492	486	501	419	429	415	413	-11.4%
Class of 2010	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	
Enrollment	381	395	402	424	428	436	444	443	408	404	390	390	2.4%
Class of 2009	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	
Enrollment	365	365	391	399	419	423	438	441	425	436	423	427	17.0%
Class of 2008	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	
Enrollment	381	400	408	424	433	427	426	437	413	402	388	383	0.5%
Class of 2007	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	
Enrollment	366	375	389	395	394	389	400	395	356	360	345	351	-4.1%

Kindergarten Enrollment Numbers: Full Day/Half Day

Total Kindergarten		Full Day			Half Day		
Year	Enrollment	Sections	Students	Percentage	Sections	Students	Percentage
2005	394	3	51	13%	18	343	87%
2006	378	3	57	15%	17	321	85%
2007	376	4	80	21%	17	296	79%
2008	342	4	77	23%	14	265	77%
2009	348	5	96	28%	13	252	72%
2010	372	8	166	45%	10	206	55%
2011	341	8	158	46%	10	183	54%
2012	364	15	307	84%	3	57	16%
2013	392	15	318	81%	4	74	19%
2014	346	12	242	70%	6	104	30%
2015	356	12	240	67%	6	116	33%
2016	388	14	275	71%	6	113	29%
2017	355	11	216	61%	8	139	39%
2018	351	10	208	59%	10	143	41%
2019	362	13	252	70%	6	110	30%

Kindergarten Enrollment: Actual versus Town Manager Projections

Kindergarten			
Year	Actual Enrollment	TM Projection	% Difference
2006	378	397	-4.8%
2007	376	410	-8.3%
2008	342	362	-5.5%
2009	348	376 (357 modified)	-7.5%
2010	372	336	10.7%
2011	341	312	9.3%
2012	364	299	21.7%*
2013	392	353	11.0%*
2014	346	384	-9.9%
2015	356	320	11.3%
2016	388	383	1.3%
2017	355	350	1.4%
2018	351	397	-11.6%
2019	362	347	4.32%

*Full day sections increased from 8 to 15 in 2012 allowing for families who desired full day to enroll. This continued in 2013.

There are 13 sections of full day for 2019, which is three more than last year.
Tuition for full day kindergarten is \$2,400 annually.

Note: New England School Development Council projection for 2019 was 338 students.

Students Transferring to Private for Grade 9

	08/09	09/10	10/11	11/12	12/13	13/14	14/15	15/16	16/17	17/18	18/19	19/20
Bancroft		1			1	10					3	4
Boston Latin	1	2										
Cambridge School											1	
Catholic Memorial		1										
Cushing Academy									1	1		
East Catholic									1			
Gann Academy			1									
Groton School							1	1		1		
Hillside									1			1
Holy Name	2				1	4			1	2		1
Marionapolis												1
Milton Academy									1			
Noble & Greenough											1	
Notre Dame	8	5	3	3	6	12	3	4	1	1	1	
Phillips Academy												
St. John's	38	42	34	35	33	47	46	47	35	35	35	26
St. Mark's			2		2		2	2	1	1	1	
St. Peter-Marian			2	1		2	2	2	2	1	1	3
The Rivers			1									
Whitinsville Christian Academy			1	1								
Utah								1				
Worcester Academy		2			1		1	1	3	6	4	
Totals	49	53	44	40	44	76	55	58	47	48	47	36

Totals by Schools	
	10/1/19
PRESCHOOL	220
BEAL	311
COOLIDGE	405
FLORAL	723
PATON	362
SPRING	351
SHERWOOD	995
OAK MIDDLE	992
HIGH SCHOOL	1892
TOTAL ENROLLMENT	6251
Total Out of District Special Education	62
Total Vocational High School	103
Total Walk Ins	29
TOTAL	194
Totals by Grade	
Preschool	220
Kindergarten	362
Grade 1	426
Grade 2	439
Grade 3	470
Grade 4	455
Elem. Subtotal	2372
Grade 5	493
Grade 6	502
Grade 7	478
Grade 8	514
Middle Subtotal	1987
Grade 9	470
Grade 10	469
Grade 11	452
Grade 12	501
HS Subtotal	1892
Grand Total	6251

Shrewsbury High School

Shrewsbury, MA



Class Size Report 2019-2020

**Data based on enrollment numbers as of
October 1, 2019**

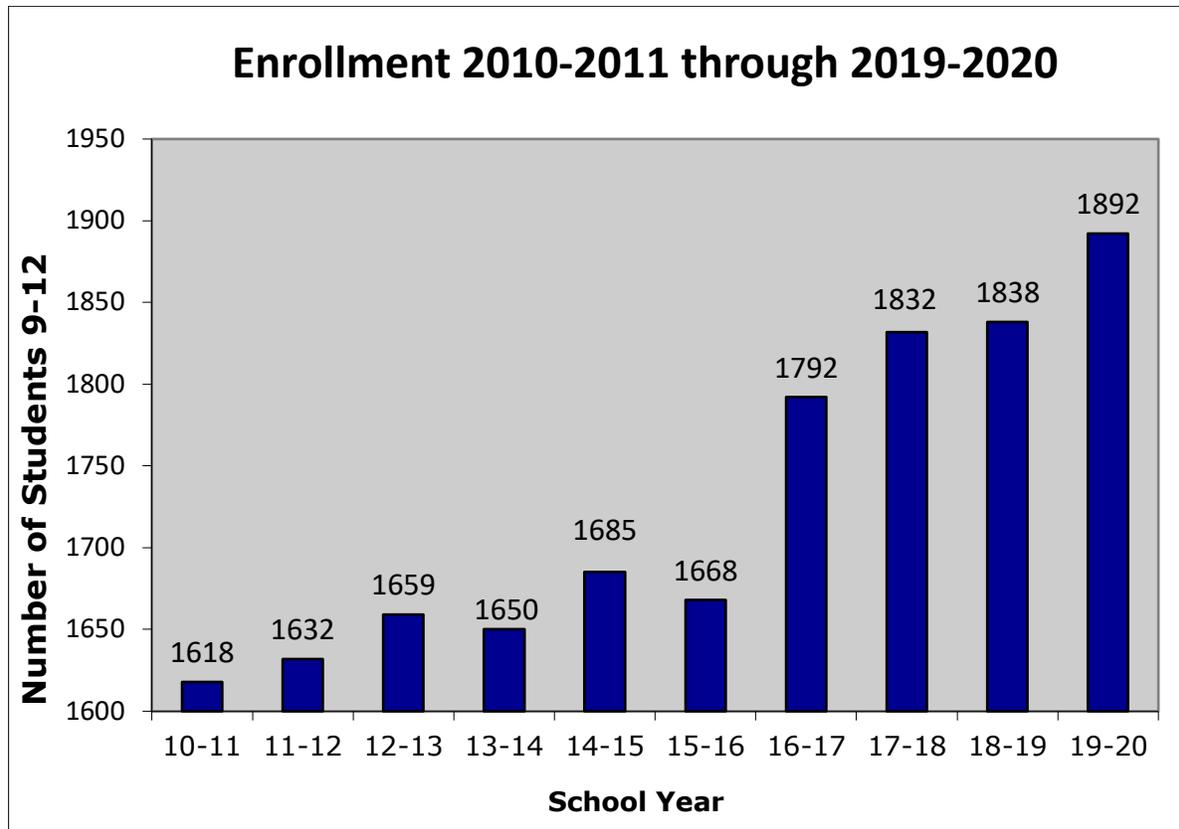
Shrewsbury High School Class Size Report: October 2019

This report is based on data from the week of October 1, 2019. It contains information on class size and student enrollment for the first and second semesters of the 2019-2020 school year.

Overall Enrollment

For the fourth year in a row, high school enrollment has reached its highest level with 1,892 students in grades 9-12. This year's increase of 54 students compared to last year is the second largest one-year increase in the past decade. Since the 2010-2011 school year, overall enrollment has increased by 274 students—and in the past five years alone, there has been an increase of 224 students. The charts below show the ten-year enrollment trend for the high school both in the aggregate and by grade.

	OVERRIDE									
Grade	10-11	11-12	12-13	13-14	14-15	15-16	16-17	17-18	18-19	19-20
9	401	414	408	420	432	413	513	451	461	470
10	417	414	422	406	423	440	428	513	447	469
11	390	413	417	421	410	412	441	429	501	452
12	410	391	412	403	420	403	410	439	429	501
Total	1618	1632	1659	1650	1685	1668	1792	1832	1838	1892



Diversifying Student Population

From July 1st through October 1st, 2019, eighty-seven (87) students have enrolled at Shrewsbury High School. This population continues to influence the demand for certain courses resulting in a relatively significant impact on FTEs for certain departments. These eighty-seven students came to Shrewsbury from the following locations:

- 63 from within Massachusetts
- 11 from states other than Massachusetts including:
 - Arizona
 - California
 - Colorado
 - Georgia
 - Ohio
 - Rhode Island
 - Texas
- 13 from countries other than the United States including:
 - Brazil
 - Canada
 - Ghana
 - Haiti
 - India
 - Puerto Rico
 - Russia
 - Saudi Arabia

Building/Facility Capacity

Increased enrollment impacts the master schedule, the availability of courses, class size, and building capacity. As a result of the limited classrooms, 75% of teachers now teach in two or more classrooms and 21% of teachers now teach in three different classrooms throughout the day.

	% of teachers in the department in at least 2 different classroom	% of teachers in the department in 3 different classroom
Foreign Language	36%	7%
Social Science	50%	6%
English	59%	12%
Science & Engineering	79%	26%
Visual Arts, ELE, ITAMS	85%	31%
Math	89%	6%
Special Education	100%	50%
Overall	75%	21%

Room Availability

With its highest enrollment on record and an additional 2.3 teaching FTEs from last year to this year, Shrewsbury High School operates at a building capacity of 99% (compared to 76% just four years ago). That is, on average, 99% of classrooms are in use during the school day (periods 1 – 7). Furthermore, there is not one academic classroom available during periods 2 or 3. The chart below summarizes the number of available classrooms in each wing of the high school (example: in period 5, there is one classroom not being used out of the 16 classrooms in the A300s hallway).

# of available rooms / # of total rooms in that hallway							
	A300s English & ELE	B300s Social Science	A200s Math	A100s & B100s Science & FCS	B200s Foreign Language	M100s Health, Special Ed. & ITAMS	Totals
P1	0 / 16	0 / 15	0 / 15	1 / 17	1 / 13	0 / 8	2 / 84
P2	0 / 16	0 / 15	0 / 15	0 / 17	0 / 13	0 / 8	0 / 84
P3	0 / 16	0 / 15	0 / 15	0 / 17	0 / 13	0 / 8	0 / 84
P4	0 / 16	1 / 15	0 / 15	0 / 17	1 / 13	0 / 8	2 / 84
P5	1 / 16	0 / 15	0 / 15	0 / 17	0 / 13	0 / 8	1 / 84
P6	0 / 16	0 / 15	0 / 15	0 / 17	1 / 13	0 / 8	1 / 84
P7	1 / 16	1 / 15	0 / 15	0 / 17	0 / 13	0 / 8	2 / 84
	2 / 112 (98%)	2 / 105 (98%)	0 / 105 (100%)	1 / 119 (99%)	3 / 91 (97%)	0 / 56 (100%)	8 / 588 (99%)

Teaching and Full-Time Equivalency (FTEs)

In order to address the overall increased enrollment and demand for courses, teaching FTEs increased by a total of 3.3 in the following departments:

- Science and Engineering—net increase of .4 FTE:
 - additional .4 FTE in Science
 - internal shift of .2 FTE from Engineering to Science (-.2 FTE Engineering / +.2 FTE Science)
- Foreign Language—net increase of .2 FTE:
 - District-wide shift of FTEs resulting in .2 FTE decrease in Spanish and .4 FTE increase in Latin
- Math: additional .6 FTE
- Special Education: additional 1.0 FTE
- Performing Arts: district-wide shift of FTEs resulting in an additional .4 FTE at the high school
- ITAMS: internal shift of .1 FTE
- English Language Education: additional .6 FTE

Teaching FTEs by Department							
Department--All	15-16	16-17	17-18	18-19	19-20	1-Year Diff.	5-Year Diff.
Engineering	1.8	2.0	2.0	1.6	1.4	-.2	-.4
English	16.4	16.4	17.4	17.4	17.4	-	+1.0
English Language Education	1.9	1.9	2.0	2.0	2.6	+.6	+.7
Family & Consumer Science	3.0	3.0	3.0	3.0	3.0	-	-
Foreign Language	12.0	12.4	13.0	13.2	13.4	+.2	1.4
Health & Phys. Ed.	9.0	9.0	9.0	9.0	9.0	-	-
ITAMS	3.0	3.4	3.5	3.5	3.6	+.1	+.6
Math	16.8	16.8	16.8	17.8	18.4	+.6	+1.6
Performing Arts	2.9	2.9	2.9	2.9	3.3	+.4	+.4
Science	16.8	16.6	17.0	17.4	18.0	+.6	+1.2
Social Science	15.4	15.4	16.4	16.4	16.4	-	+1.0
Special Programs (VHS)	0.2	0.1	0.1	0.1	.1	-	-.1
Visual Art	4.4	4.3	4.3	4.3	4.3	-	-.1
Total FTE	103.6	104.2	107.4	108.6	110.9	+.23	+7.3
9 - 12 Enrollment	1668	1792	1832	1838	1892		

Teaching FTEs by Academic Department							
Department--All	15-16	16-17	17-18	18-19	19-20	1-Year Diff.	5-Year Diff.
English	16.4	16.4	17.4	17.4	17.4	-	+1.0
Social Science	15.4	15.4	16.4	16.4	16.4	-	+1.0
Math	16.8	16.8	16.8	17.8	18.4	+.6	+1.6
Science & Engineering	18.6	18.6	19.0	19.0	19.4	+.4	+.8
Foreign Language	12.0	12.4	13.0	13.2	13.4	+.2	+1.4
Academic FTEs Total	79.2	79.6	82.6	83.8	85.0	+1.2	+5.8
9 - 12 Enrollment	1668	1792	1832	1838	1892		
Average Academic Student-to-Teacher Ratio	21.1	22.5	22.2	21.9	22.2		

Class Enrollment

As a result of the additional FTEs indicated previously, the significant progress made in reducing the number of over-enrolled (27 or more students) sections has been further reduced from 4% to 2%. As the result of an additional .6 FTE, the most significant reduction in over-enrolled sections—from 10% to 2%--occurred in the math department.

Department	# sections at 27 or more students					% of over-enrolled classes				
	15-16	16-17	17-18	18-19	19-20	15-16	16-17	17-18	18-19	19-20
English	2	3	0	1	0	2%	4%	0%	1%	0%
For. Lang.	2	5	4	2	2	3%	8%	6%	3%	3%
Math	0	6	17	9	2	0%	8%	20%	10%	2%
Science/Eng	0*	5*	7*	1*	0*	0%	7%	7%	1%	0%
Social Science	1	14	0	4	4	1%	21%	0%	4%	4%
TOTALS	5	33	28	17	8	1%	10%	6%	4%	2%

*As a result of National Lab Standards, science courses are considered over-enrolled with more than 24 students in the class.

More specifically, the following charts indicate the percentage of classes at the high school with an average class size in the following categories:

Average Class Size # of students:	%
20 students or less	37.3%
21 – 22 students	19.2%
23 – 24 students	27.1%
25 – 26 students	14.6%
27 or more students	1.8%

Average Class Size Cumulative # of students:	%
20 students or less	37.3%
22 students or less	56.5%
24 students or less	83.6%
26 students or less	98.2%

Department	# sections in each department					% of sections in each department				
	Class Size					Class Size				
	<=20	21-22	23-24	25-26	>=27	<=20	21-22	23-24	25-26	>=27
English	35	11	26	16	0	39.8%	12.5%	29.5%	18.2%	0%
For. Lang.	39	12	6	8	2	58.2%	17.9%	9.0%	11.9%	3%
Math	31	16	32	11	2	33.6%	17.4%	34.8%	12.0%	2.2%
Science/Eng	41	24	35	5	0	39.0%	22.9%	33.3%	4.8%	0%
Social Science	21	23	22	25	4	22.1%	24.2%	23.1%	26.3%	4.2%
TOTALS	167	86	121	65	8	37.3%	19.2%	27.1%	14.6%	1.8%

Teacher Caseloads

The vast majority of SHS teachers are responsible for a caseload of between 100 and 115 students (class size average is 20 - 23 students per section). Although the override in June 2014 significantly reduced teachers' total caseload of students and their corresponding average class size, 64% of teachers continue to have an average caseload higher than School Committee guidelines of 18-20 students. That said, there has been significant progress in classes with an average size of 18 students or less.

	2015 – 2016		2016 – 2017		2017 – 2018		2018 - 2019		Current Year 2019 - 2020	
Teachers' Caseload: Average Class Size										
< 18.1	15%	50%	16%	38%	15%	29%	12%	35%	22%	36%
18.1 – 20.0	35%		22%		14%		23%		14%	
20.1 – 22.0	35%	50%	36%	62%	32%	71%	28%	65%	29%	64%
> 22.0	15%		26%		39%		37%		35%	

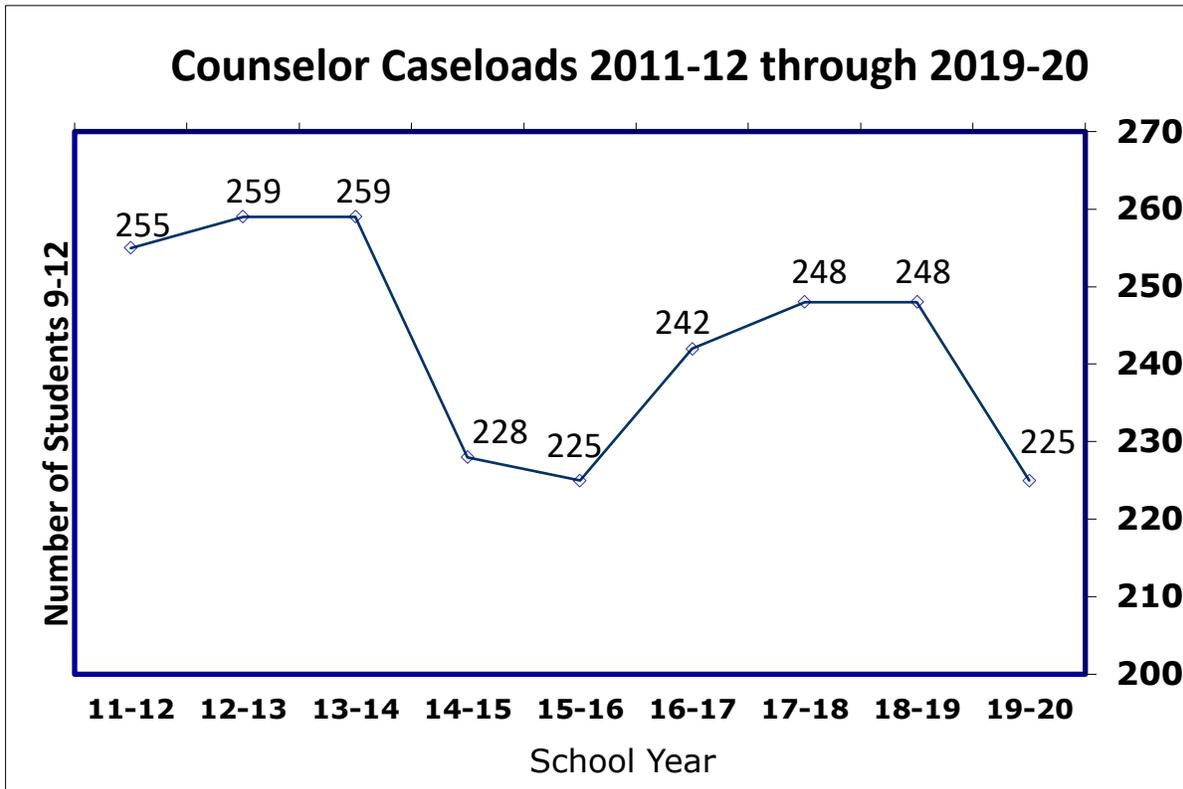
Average Class Size and Median Class Size by Department

Average Class Size and Median Class Size by Department 2016-17 through 2019-20					
				AVERAGE	MEDIAN
Department	16-17	17-18	18-19	19-20	19-20
Engineering	20.5	17.5	17.8	18.6	20
English	21.2	20.5	20.6	21.2	22
English Language Learners	11.1	11.6	9.0	9.5	10
Family & Consumer Science	22.5	21.0	17.8	20.1	22
Foreign Language	20.3	20.7	19.0	19.5	19
Health	27.5	27.3	26.6	23.9	25
Instructional Technology	12.0	9.6	10.2	12.8	16
Mathematics	22.3	22.3	21.6	21.1	22
Performing Arts	24.6	24.9	23.6	24.6	20
Physical Education	24.8	27.3	27.2	28.3	29
Science	21.4	21.3	20.9	20.4	21
Social Sciences	24.5	21.9	22.6	22.7	23
Visual Arts	17.9	16.5	14.8	15.6	18

Enrollment in Each Department 2015-16 through 2019-20					
Department	15-16	16-17	17-18	18-19	19-20
Engineering	229	267	228	196	167
English	1698	1762	1808	1813	1866
English Language Learners	105	111	116	90	124
Family & Consumer Science	619	629	567	515	582
Foreign Language—TOTAL	1216	1261	1315	1271	1307
*French	263	292	315	318	351
*Latin	140	142	167	183	175
*Mandarin Chinese	83	89	102	93	83
*Spanish	730	738	732	677	698
Health	1267	1375	1390	1410	1411
Instructional Technology	303	315	297	316	370
Mathematics	1706	1870	1874	1926	1945
Performing Arts--TOTAL	469	467	497	496	565
*Instrumental	248	225	267	313	378
*Theatre Arts	95	95	79	52	38
*Vocal	126	147	151	131	149
Physical Education	3270	3536	3609	3642	3741
Science	1823	1796	1942	1944	1954
Social Sciences	1782	1963	2038	2098	2155
Visual Arts	694	716	660	606	655

School Counseling

One of the departments most affected by an increase in enrollment is the School Counseling Department. Since last adding a school counselor in the 2014-2015 school year, high school enrollment has increased by 224 students. As a result, the school counseling department this year received an additional 1.0 FTE causing the average counselor caseload to decrease from 248 last year to 225 this year.



Special Education Additional FTE and Co-Taught Courses

The addition of a 1.0 FTE in Special Education allowed additional opportunities, access, and equity to our students under Special Education. The additional 1.0 FTE was allocated as follows:

- Additional section of Essential English offered.
- Additional section of Essential Social Science offered.
- Additional section of Essential Math offered.
- Additional co-taught science course offered.
- Additional section of Learning Skills offered.

A total of eight Special Education and ELL co-taught sections in Mathematics, Science, and English exist for the 2019-2020 school year: Lab Chemistry, Lab Biology, Lab Physics, Essential Math 9/10, Algebra and Geometry I, Algebra and Geometry II, Advanced Math I, and English 9. Students enrolled in these specialized support courses continue to perform well on MCAS, and they continue to make progress towards their overall graduation requirements.

**Class Size Report
2019-2020**

Shrewsbury High School
Engineering

October 1, 2019

	FTE	# of Sections	# of Students	Avg. Class Size	Median Class Size
Doherty	0.4	2	42	21.0	21
Wood	1.0	7	125	17.9	19
Total	1.4	9	167	18.6	20
Last Name	Course Name	Term	Section Number	Class Size	Average Class Size
Doherty	Engineering the Future	FY 19-20	1	21	
Doherty	Engineering the Future	FY 19-20	2	21	21.0
Wood	Explore Technology Semester	S1	1	15	
Wood	Explore Technology Semester	S1	2	19	17.0
Wood	Intro to Engineering Design	FY 19-20	1	14	
Wood	Intro to Engineering Design	FY 19-20	2	15	14.5
Wood	Principles of Engineering Hono	FY 19-20	1	22	22.0
Wood	Robotics/Electronics	S2	1	20	
Wood	Robotics/Electronics	S2	2	20	20.0

**Class Size Report
2019-2020**

Shrewsbury High School
English

October 1, 2019

	FTE	# of Sections	# of Students	Avg. Class Size	Median Class Size
Burnett	1.0	5	95	19.0	21
Closter	1.0	5	121	24.2	24
Flores	1.0	5	103	20.6	20
Geoghegan	1.0	5	112	22.4	23
Hall	1.0	5	112	22.4	24
Jha	1.0	6	141	23.5	24.5
Lawlor	1.0	5	115	23.0	24
Linsey	1.0	5	110	22.0	22
MacDonald	1.0	5	73	14.6	16
Palazzo	1.0	5	114	22.8	23
Penfield	1.0	5	83	16.6	18
Roberts	1.0	5	110	22.0	23
Secino	1.0	5	107	21.4	21
Splaine	1.0	5	112	22.4	23
Steinberg	1.0	5	104	20.8	19
Trombley	0.4	2	44	22.0	22
Winn	1.0	5	102	20.4	20
Yellin	1.0	5	108	21.6	22
Total	17.4	88	1866	21.2	22

Teacher	Course Name	Term	Section Number	Class Size	Average Class Size
Burnett	English 9B--co-taught SPED	FY 19-20	1	6	
MacDonald	English 9B	FY 19-20	1	9	
MacDonald	English 9B	FY 19-20	2	10	8.3
Burnett	English 9A	FY 19-20	1	18	
Burnett	English 9A	FY 19-20	2	21	
Flores	English 9A	FY 19-20	12	19	
Flores	English 9A	FY 19-20	11	20	
Flores	English 9A	FY 19-20	10	15	
Linsey	English 9A	FY 19-20	9	20	
MacDonald	English 9A	FY 19-20	14	16	
MacDonald	English 9A	FY 19-20	8	16	
Winn	English 9A	FY 19-20	5	20	
Winn	English 9A	FY 19-20	3	20	
Winn	English 9A	FY 19-20	4	18	
Yellin	English 9A	FY 19-20	7	17	
Yellin	English 9A	FY 19-20	6	19	18.4
Geoghegan	English 9 Honors	FY 19-20	5	24	
Geoghegan	English 9 Honors	FY 19-20	7	23	
Jha	English 9 Honors	FY 19-20	2	23	
Jha	English 9 Honors	FY 19-20	3	24	

**Class Size Report
2019-2020**

Shrewsbury High School
English

October 1, 2019

Teacher	Course Name	Term	Section Number	Class Size	Average Class Size
Linsey	English 9 Honors	FY 19-20	6	23	
Linsey	English 9 Honors	FY 19-20	1	24	
Roberts	English 9 Honors	FY 19-20	4	25	
Roberts	English 9 Honors	FY 19-20	8	23	23.6
Penfield	English 10B	FY 19-20	2	13	
Penfield	English 10B	FY 19-20	1	12	12.5
Geoghegan	English 10A	FY 19-20	5	23	
Geoghegan	English 10A	FY 19-20	8	22	
Geoghegan	English 10A	FY 19-20	2	20	
Palazzo	English 10A	FY 19-20	1	20	
Palazzo	English 10A	FY 19-20	9	23	
Roberts	English 10A	FY 19-20	7	18	
Roberts	English 10A	FY 19-20	4	23	
Steinberg	English 10A	FY 19-20	6	23	
Steinberg	English 10A	FY 19-20	3	19	21.2
Closter	English 10 Honors	FY 19-20	10	22	
Closter	English 10 Honors	FY 19-20	9	24	
Hall	English 10 Honors	FY 19-20	3	24	
Hall	English 10 Honors	FY 19-20	4	24	
Hall	English 10 Honors	FY 19-20	2	24	
Lawlor	English 10 Honors	FY 19-20	8	24	
Lawlor	English 10 Honors	FY 19-20	7	24	
Splaine	English 10 Honors	FY 19-20	6	24	
Splaine	English 10 Honors	FY 19-20	5	24	
Steinberg	English 10 Honors	FY 19-20	1	24	23.8
Hall	**English 11: American Studies & Honors	FY 19-20	1	20	
Hall	**English 11: American Studies & Honors	FY 19-20	2	20	
Steinberg	**English 11: American Studies & Honors	FY 19-20	3	19	
Steinberg	**English 11: American Studies & Honors	FY 19-20	4	19	19.5
Flores	English 11A	FY 19-20	1	25	
Flores	English 11A	FY 19-20	2	24	
Lawlor	English 11A	FY 19-20	5	24	
Lawlor	English 11A	FY 19-20	4	23	
Lawlor	English 11A	FY 19-20	3	20	
Splaine	English 11A	FY 19-20	6	22	23.0
Penfield	English 11 Honors	FY 19-20	1	20	
Penfield	English 11 Honors	FY 19-20	3	18	
Penfield	English 11 Honors	FY 19-20	2	20	
Splaine	English 11 Honors	FY 19-20	4	23	
Splaine	English 11 Honors	FY 19-20	5	19	20.0
Palazzo	AP English Language	FY 19-20	5	21	

**Class Size Report
2019-2020**

Shrewsbury High School
English

October 1, 2019

Teacher	Course Name	Term	Section Number	Class Size	Average Class Size
Palazzo	AP English Language	FY 19-20	3	25	
Palazzo	AP English Language	FY 19-20	4	25	
Yellin	AP English Language	FY 19-20	2	25	
Yellin	AP English Language	FY 19-20	1	25	24.2
Linsey	English 12A	FY 19-20	4	22	
Linsey	English 12A	FY 19-20	5	21	
MacDonald	English 12A	FY 19-20	7	22	
Roberts	English 12A	FY 19-20	3	21	
Trombley	English 12A	FY 19-20	2	24	
Trombley	English 12A	FY 19-20	1	20	
Yellin	English 12A	FY 19-20	6	22	21.7
Burnett	English 12 Honors	FY 19-20	5	25	
Burnett	English 12 Honors	FY 19-20	2	25	
Closter	English 12 Honors	FY 19-20	1	26	
Closter	English 12 Honors	FY 19-20	4	24	
Closter	English 12 Honors	FY 19-20	3	25	
Jha	English 12 Honors	FY 19-20	9	26	
Jha	English 12 Honors	FY 19-20	7	26	
Secino	English 12 Honors	FY 19-20	6	25	
Secino	English 12 Honors	FY 19-20	8	25	
Secino	English 12 Honors	FY 19-20	11	17	
Winn	English 12 Honors	FY 19-20	12	18	
Winn	English 12 Honors	FY 19-20	10	26	24.0
Secino	AP English Literature	FY 19-20	2	21	
Secino	AP English Literature	FY 19-20	1	19	20.0
Jha	**Creative Writing & Creative Writing H	S1	1	25	25.0
Jha	**Intro to World Mythology & Honors	S2	2	17	17.0
**These classes are offered at combined levels.					

**Class Size Report
2019-2020**

Shrewsbury High School
English Language Education

October 1, 2019

	FTE	# of Sections	# of Students	Avg. Class Size	Median Class Size
Berkeley	0.6	3	43	14.3	14
Murray	1.0	5	52	10.4	10
Nattinville	1.0	5	29	5.8	5
Total	2.6	13	124	9.5	10
Last Name	Course Name	Term	Section Number	Class Size	Average Class Size
Nattinville	ELE American Culture & History IA	FY 19-20	1	3	3.0
Murray	ELE American Culture & History II	FY 19-20	1	8	8.0
Murray	ELE English IA & IB	FY 19-20	1	2	2.0
Nattinville	ELE English IIA & IIB	FY 19-20	1	5	5.0
Nattinville	ELE English IIIA & IIIB	FY 19-20	1	3	3.0
Murray	ELE English IVA & IVB	FY 19-20	1	10	10.0
Berkeley	ELE Academic Support	FY 19-20	1	13	
Murray	ELE Academic Support	FY 19-20	2	10	
Nattinville	ELE Academic Support	FY 19-20	4	7	
Nattinville	ELE Academic Support	FY 19-20	3	11	10.3
Berkeley	Algebra & Geometry I--co-taught	FY 19-20	1	14	14.0
Berkeley	Algebra & Geometry II--co-taught	FY 19-20	1	15	15.0
Murray	Biology--co-taught	FY 19-20	1	22	22.0

**Class Size Report
2019-2020**

Shrewsbury High School
Family and Consumer Science

October 1, 2019

	FTE	# of Sections	# of Students	Avg. Class Size	Median Class Size
Campo	1.0	10	200	20.0	21
D'Errico	1.0	9	151	16.8	15
LeMay	1.0	10	231	23.1	23.5
Total	3.0	29	582	20.1	22
Last Name	Course Name	Term	Section Number	Class Size	Average Class Size
D'Errico	Child Development I	S1	2	24	
D'Errico	Child Development I	S1	3	17	
D'Errico	Child Development I	S1	1	14	
D'Errico	Child Development I	S2	4	15	17.5
D'Errico	Child Development II	S2	2	13	
D'Errico	Child Development II	S2	1	10	11.5
D'Errico	**Early Childhood Education & Ho	FY 19-20	1	13	13.0
LeMay	Interior Design	S1	1	24	
LeMay	Interior Design	S2	2	24	24.0
Campo	Focus on Foods	S1	7	23	
Campo	Focus on Foods	S1	8	24	
Campo	Focus on Foods	S2	9	23	
Campo	Focus on Foods	S2	10	22	
D'Errico	Focus on Foods	S1	1	22	
D'Errico	Focus on Foods	S2	2	23	
LeMay	Focus on Foods	S1	3	23	
LeMay	Focus on Foods	S1	4	24	
LeMay	Focus on Foods	S2	6	23	
LeMay	Focus on Foods	S2	5	25	23.2
Campo	Mediterranean Cuisine	S1	4	15	
Campo	Mediterranean Cuisine	S1	3	19	
Campo	Mediterranean Cuisine	S2	8	20	
Campo	Mediterranean Cuisine	S2	7	23	
LeMay	Mediterranean Cuisine	S1	1	21	
LeMay	Mediterranean Cuisine	S1	2	24	
LeMay	Mediterranean Cuisine	S2	6	22	
LeMay	Mediterranean Cuisine	S2	5	21	20.6
Campo	Culinary Methods for Nutritious Fo	S1	1	16	
Campo	Culinary Methods for Nutritious Fo	S2	2	15	15.5
**These classes are offered at combined levels.					

**Class Size Report
2019-2020**

Shrewsbury High School
Foreign Language

October 1, 2019

	FTE	# of Sections	# of Students	Avg. Class Size	Median Class Size
SPANISH:					
Almeida	1.0	5	100	20.0	18
Babigian	1.0	5	105	21.0	20
Bisbee	1.0	5	97	19.4	21
Clune	1.0	5	89	17.8	18
Del Toro-Cournoyer	1.0	5	100	20.0	18
Ernest	1.0	5	108	21.6	22
Montalvo	1.0	5	99	19.8	19
Total Spanish:	7.0	35	698	19.9	19
FRENCH:					
Duffy	0.8	4	95	23.8	25
Keeler	0.6	3	68	22.7	25
Leger	1.0	5	83	16.6	19
Plourde	1.0	5	105	21.0	22
Total French:	3.4	17	351	20.6	21
LATIN:					
Bellemer	1.0	5	93	18.6	18
Thompson	1.0	5	82	16.4	13
Total Latin:	2.0	10	175	17.5	18
MANDARIN CHINESE:					
Yeh	1.0	5	83	16.6	15
Total Foreign Language:	13.4	67.0	1307	19.5	19
Last Name	Course Name	Term	Section Number	Class Size	Average Class Size
Clune	Spanish I	FY 19-20	3	15	
Montalvo	Spanish I	FY 19-20	2	16	
Montalvo	Spanish I	FY 19-20	1	16	15.7
Bisbee	Accelerated Spanish I	FY 19-20	2	18	
Bisbee	Accelerated Spanish I	FY 19-20	3	13	
Clune	Accelerated Spanish I	FY 19-20	4	19	
Clune	Accelerated Spanish I	FY 19-20	1	16	16.5
Bisbee	Spanish II	FY 19-20	1	21	
Bisbee	Spanish II	FY 19-20	7	22	

**Class Size Report
2019-2020**

Shrewsbury High School
Foreign Language

October 1, 2019

Last Name	Course Name	Term	Section Number	Class Size	Average Class Size
Clune	Spanish II	FY 19-20	2	18	
Clune	Spanish II	FY 19-20	8	21	
Del Toro-Cournoyer	Spanish II	FY 19-20	6	18	
Del Toro-Cournoyer	Spanish II	FY 19-20	4	18	
Del Toro-Cournoyer	Spanish II	FY 19-20	5	22	
Ernest	Spanish II	FY 19-20	9	18	
Ernest	Spanish II	FY 19-20	3	22	20.0
Babigian	Spanish II Honors	FY 19-20	1	20	
Montalvo	Spanish II Honors	FY 19-20	3	19	
Montalvo	Spanish II Honors	FY 19-20	2	22	20.3
Ernest	Spanish II Language & Culture	FY 19-20	1	24	24.0
Almeida	Spanish III	FY 19-20	1	21	
Babigian	Spanish III	FY 19-20	5	19	
Babigian	Spanish III	FY 19-20	3	22	
Babigian	Spanish III	FY 19-20	4	19	
Bisbee	Spanish III	FY 19-20	7	23	
Ernest	Spanish III	FY 19-20	2	24	
Ernest	Spanish III	FY 19-20	6	20	21.1
Almeida	Spanish III Honors	FY 19-20	1	18	
Almeida	Spanish III Honors	FY 19-20	2	18	18.0
Almeida	Spanish IV	FY 19-20	1	26	
Almeida	Spanish IV	FY 19-20	2	17	
Montalvo	Spanish IV	FY 19-20	3	26	23.0
Del Toro-Cournoyer	Spanish IV Honors	FY 19-20	1	26	26.0
Babigian	**Spanish V & V Honors	FY 19-20	1	25	25.0
Del Toro-Cournoyer	AP Spanish Language	FY 19-20	1	16	16.0
Leger	Accelerated French I	FY 19-20	1	7	7.0
Keeler	French I	FY 19-20	1	17	17.0
Plourde	French II	FY 19-20	1	20	
Plourde	French II	FY 19-20	3	21	
Plourde	French II	FY 19-20	2	22	21.0
Keeler	French II Honors	FY 19-20	1	26	
Keeler	French II Honors	FY 19-20	2	25	25.5
Leger	French III	FY 19-20	3	14	
Leger	French III	FY 19-20	1	19	

**Class Size Report
2019-2020**

Shrewsbury High School
Foreign Language

October 1, 2019

Last Name	Course Name	Term	Section Number	Class Size	Average Class Size
Leger	French III	FY 19-20	2	19	17.3
Duffy	French III Honors	FY 19-20	1	18	
Duffy	French III Honors	FY 19-20	2	24	21.0
Duffy	French IV	FY 19-20	2	27	
Duffy	French IV	FY 19-20	1	26	26.5
Plourde	French IV Honors	FY 19-20	1	26	26.0
Leger	**French V & V Honors	FY 19-20	1	24	24.0
Plourde	AP French Language	FY 19-20	1	16	16.0
Bellemer	Latin I	FY 19-20	2	27	27.0
Bellemer	Latin II Language and Culture	FY 19-20	1	11	11.0
Bellemer	**Latin II & II Honors	FY 19-20	1	19	
Bellemer	**Latin II & II Honors	FY 19-20	2	18	
Bellemer	**Latin II & II Honors	FY 19-20	3	18	18.3
Thompson	**Latin III & III Honors	FY 19-20	1	21	
Thompson	**Latin III & III Honors	FY 19-20	2	23	22.0
Thompson	Latin IV Honors	FY 19-20	1	13	
Thompson	Latin IV Honors	FY 19-20	1	12	12.5
Thompson	**AP Latin & Latin V Honors	FY 19-20	1	13	13.0
Yeh	Mandarin Chinese II & II Honors	FY 19-20	1	15	
Yeh	Mandarin Chinese II & II Honors	FY 19-20	2	15	15.0
Yeh	Mandarin Chinese III & III Hono	FY 19-20	1	17	17.0
Yeh	Mandarin Chinese IV & IV Honor	FY 19-20	1	21	21.0
Yeh	AP Mandarin & Mandarin V Hono	FY 19-20	1	15	15.0
**These classes are offered at combined levels.					

**Class Size Report
2019-2020**

Shrewsbury High School
Health and Physical Education

October 1, 2019

Physical Education	FTE	# of Sections	# of Students	Avg. Class Size	Median Class Size
Burke	1.0	22	613	27.9	29.5
Butterfield	1.0	22	615	28.0	28
Gustafson	1.0	22	647	29.4	30
Raczelowski	1.0	22	632	28.7	29
Toti	1.0	22	637	29.0	29
Wheeler	1.0	22	597	27.1	28
Total	6.0	132	3741	28.3	29
Health	FTE	# of Sections	# of Students	Avg. Class Size	Median Class Size
Burtnyk	1.0	20	499	25.0	26
Ferris	1.0	20	459	23.0	23
Morin	1.0	19	453	23.8	26
Total	3.0	59	1411	23.9	25
Last Name	Course Name	Term	Section Number	Class Size	Average Class Size
Burke	Adaptive PE & PE Foundations	S1	1	30	
Burke	Adaptive PE & PE Foundations	S2	2	26	28.0
Butterfield	PE-Team	S1	3	29	
Butterfield	PE-Team	S1	13	30	
Butterfield	PE-Team	S1	4	31	
Butterfield	PE-Team	S2	5	28	
Butterfield	PE-Team	S2	9	28	
Butterfield	PE-Team	S2	8	31	
Butterfield	PE-Team	S2	1	32	
Wheeler	PE-Team	S1	14	25	
Wheeler	PE-Team	S1	2	28	
Wheeler	PE-Team	S1	16	30	
Wheeler	PE-Team	S1	6	31	
Wheeler	PE-Team	S2	11	28	
Wheeler	PE-Team	S2	15	30	
Wheeler	PE-Team	S2	12	31	
Wheeler	PE-Team	S2	10	31	
Wheeler	PE-Team	S2	7	32	29.7
Toti	PE-Adventure	S1	4	26	
Toti	PE-Adventure	S1	5	26	
Toti	PE-Adventure	S1	7	29	
Toti	PE-Adventure	S1	15	30	

**Class Size Report
2019-2020**

Shrewsbury High School
Health and Physical Education

October 1, 2019

Last Name	Course Name	Term	Section Number	Class Size	Average Class Size
Toti	PE-Adventure	S1	16	30	
Toti	PE-Adventure	S1	6	32	
Toti	PE-Adventure	S2	12	28	
Toti	PE-Adventure	S2	8	29	
Toti	PE-Adventure	S2	1	29	
Toti	PE-Adventure	S2	2	29	
Toti	PE-Adventure	S2	9	30	
Toti	PE-Adventure	S2	17	31	
Wheeler	PE-Adventure	S1	13	6	
Wheeler	PE-Adventure	S1	11	24	
Wheeler	PE-Adventure	S1	10	30	
Wheeler	PE-Adventure	S2	3	27	
Wheeler	PE-Adventure	S2	14	30	27.4
Gustafson	PE-Lifetime	S1	7	30	
Gustafson	PE-Lifetime	S1	1	31	
Gustafson	PE-Lifetime	S1	2	31	
Gustafson	PE-Lifetime	S1	15	31	
Gustafson	PE-Lifetime	S1	13	37	
Gustafson	PE-Lifetime	S2	4	29	
Gustafson	PE-Lifetime	S2	3	30	
Gustafson	PE-Lifetime	S2	12	30	
Gustafson	PE-Lifetime	S2	8	32	
Raczelowski	PE-Lifetime	S1	6	22	
Raczelowski	PE-Lifetime	S1	10	26	
Raczelowski	PE-Lifetime	S1	5	31	
Raczelowski	PE-Lifetime	S1	9	32	
Raczelowski	PE-Lifetime	S2	16	28	
Raczelowski	PE-Lifetime	S2	14	29	
Raczelowski	PE-Lifetime	S2	11	30	29.9
Burke	PE-Movement	S1	8	27	
Burke	PE-Movement	S1	1	28	
Burke	PE-Movement	S1	16	30	
Burke	PE-Movement	S1	11	30	
Burke	PE-Movement	S1	2	30	
Burke	PE-Movement	S2	6	19	
Burke	PE-Movement	S2	3	19	
Burke	PE-Movement	S2	15	24	
Burke	PE-Movement	S2	4	25	
Burke	PE-Movement	S2	9	29	
Burke	PE-Movement	S2	13	31	
Raczelowski	PE-Movement	S1	14	28	
Raczelowski	PE-Movement	S1	10	29	
Raczelowski	PE-Movement	S1	12	30	
Raczelowski	PE-Movement	S2	17	24	

**Class Size Report
2019-2020**

Shrewsbury High School
Health and Physical Education

October 1, 2019

Last Name	Course Name	Term	Section Number	Class Size	Average Class Size
Raczewski	PE-Movement	S2	5	30	
Raczewski	PE-Movement	S2	7	31	27.3
Burke	PE-Team II	S1	15	17	
Burke	PE-Team II	S1	1	28	
Burke	PE-Team II	S1	9	30	
Burke	PE-Team II	S1	14	34	
Burke	PE-Team II	S1	5	35	
Burke	PE-Team II	S2	10	29	
Burke	PE-Team II	S2	6	30	
Burke	PE-Team II	S2	16	30	
Burke	PE-Team II	S2	7	32	
Butterfield	PE-Team II	S1	2	28	
Butterfield	PE-Team II	S1	3	29	
Butterfield	PE-Team II	S2	11	28	
Butterfield	PE-Team II	S2	13	31	
Butterfield	PE-Team II	S2	12	32	
Toti	PE-Team II	S1	17	30	
Toti	PE-Team II	S2	8	29	
Toti	PE-Team II	S2	4	30	29.5
Butterfield	PE-Adventure II	S1	8	23	
Butterfield	PE-Adventure II	S1	18	24	
Butterfield	PE-Adventure II	S1	1	26	
Butterfield	PE-Adventure II	S1	7	27	
Butterfield	PE-Adventure II	S1	10	28	
Butterfield	PE-Adventure II	S1	6	29	
Butterfield	PE-Adventure II	S2	3	23	
Butterfield	PE-Adventure II	S2	13	25	
Butterfield	PE-Adventure II	S2	9	25	
Butterfield	PE-Adventure II	S2	14	28	
Wheeler	PE-Adventure II	S1	2	22	
Wheeler	PE-Adventure II	S1	11	26	
Wheeler	PE-Adventure II	S1	15	28	
Wheeler	PE-Adventure II	S1	4	31	
Wheeler	PE-Adventure II	S2	16	25	
Wheeler	PE-Adventure II	S2	12	26	
Wheeler	PE-Adventure II	S2	17	26	
Wheeler	PE-Adventure II	S2	5	30	26.2
Gustafson	PE-Lifetime II	S1	5	28	
Gustafson	PE-Lifetime II	S1	12	30	
Gustafson	PE-Lifetime II	S2	2	30	
Gustafson	PE-Lifetime II	S2	1	30	
Raczewski	PE-Lifetime II	S1	13	30	
Raczewski	PE-Lifetime II	S1	7	32	

**Class Size Report
2019-2020**

Shrewsbury High School
Health and Physical Education

October 1, 2019

Last Name	Course Name	Term	Section Number	Class Size	Average Class Size
Raczewski	PE-Lifetime II	S2	8	29	
Raczewski	PE-Lifetime II	S2	14	31	
Raczewski	PE-Lifetime II	S2	6	31	
Toti	PE-Lifetime II	S1	15	24	
Toti	PE-Lifetime II	S1	16	29	
Toti	PE-Lifetime II	S1	3	29	
Toti	PE-Lifetime II	S1	4	30	
Toti	PE-Lifetime II	S2	9	28	
Toti	PE-Lifetime II	S2	10	29	
Toti	PE-Lifetime II	S2	11	30	29.4
Gustafson	PE-Personal Fitness & Conditio	S1	2	25	
Gustafson	PE-Personal Fitness & Conditio	S1	12	26	
Gustafson	PE-Personal Fitness & Conditio	S1	11	27	
Gustafson	PE-Personal Fitness & Conditio	S1	4	32	
Gustafson	PE-Personal Fitness & Conditio	S2	3	23	
Gustafson	PE-Personal Fitness & Conditio	S2	6	26	
Gustafson	PE-Personal Fitness & Conditio	S2	7	28	
Gustafson	PE-Personal Fitness & Conditio	S2	5	29	
Gustafson	PE-Personal Fitness & Conditio	S2	13	32	
Raczewski	PE-Personal Fitness & Conditio	S1	1	27	
Raczewski	PE-Personal Fitness & Conditio	S1	8	27	
Raczewski	PE-Personal Fitness & Conditio	S2	10	27	
Raczewski	PE-Personal Fitness & Conditio	S2	9	28	27.5
Burtnyk	Essential Health	S1	1	4	4.0
Morin	Global Health	S1	1	12	12.0
Burtnyk	Health 9: Wellness	S1	8	25	
Burtnyk	Health 9: Wellness	S1	16	22	
Burtnyk	Health 9: Wellness	S1	14	32	
Burtnyk	Health 9: Wellness	S1	15	29	
Burtnyk	Health 9: Wellness	S2	6	24	
Burtnyk	Health 9: Wellness	S2	9	24	
Burtnyk	Health 9: Wellness	S2	4	24	
Burtnyk	Health 9: Wellness	S2	10	28	
Burtnyk	Health 9: Wellness	S2	17	29	
Burtnyk	Health 9: Wellness	S2	11	27	
Burtnyk	Health 9: Wellness	S2	1	26	
Ferris	Health 9: Wellness	S1	18	19	
Ferris	Health 9: Wellness	S1	7	17	
Ferris	Health 9: Wellness	S1	2	26	
Ferris	Health 9: Wellness	S1	5	24	
Ferris	Health 9: Wellness	S1	19	27	
Ferris	Health 9: Wellness	S2	12	21	

**Class Size Report
2019-2020**

Shrewsbury High School
Health and Physical Education

October 1, 2019

Last Name	Course Name	Term	Section Number	Class Size	Average Class Size
Ferris	Health 9: Wellness	S2	3	23	
Ferris	Health 9: Wellness	S2	13	23	24.7
Ferris	Health 10: Healthy Living	S1	1	22	
Ferris	Health 10: Healthy Living	S1	12	28	
Ferris	Health 10: Healthy Living	S1	7	30	
Ferris	Health 10: Healthy Living	S1	15	16	
Ferris	Health 10: Healthy Living	S1	5	15	
Ferris	Health 10: Healthy Living	S2	8	22	
Ferris	Health 10: Healthy Living	S2	9	26	
Ferris	Health 10: Healthy Living	S2	19	25	
Ferris	Health 10: Healthy Living	S2	10	19	
Ferris	Health 10: Healthy Living	S2	20	27	
Ferris	Health 10: Healthy Living	S2	2	29	
Ferris	Health 10: Healthy Living	S2	13	20	
Morin	Health 10: Healthy Living	S1	11	27	
Morin	Health 10: Healthy Living	S1	4	27	
Morin	Health 10: Healthy Living	S1	16	21	
Morin	Health 10: Healthy Living	S1	18	24	
Morin	Health 10: Healthy Living	S1	3	24	
Morin	Health 10: Healthy Living	S1	6	19	
Morin	Health 10: Healthy Living	S2	14	26	
Morin	Health 10: Healthy Living	S2	17	27	23.7
Burtnyk	Health 11: Lifelong Health	S1	12	27	
Burtnyk	Health 11: Lifelong Health	S1	8	28	
Burtnyk	Health 11: Lifelong Health	S1	18	27	
Burtnyk	Health 11: Lifelong Health	S1	14	27	
Burtnyk	Health 11: Lifelong Health	S1	6	24	
Burtnyk	Health 11: Lifelong Health	S2	7	21	
Burtnyk	Health 11: Lifelong Health	S2	5	25	
Burtnyk	Health 11: Lifelong Health	S2	4	26	
Morin	Health 11: Lifelong Health	S1	17	26	
Morin	Health 11: Lifelong Health	S1	11	26	
Morin	Health 11: Lifelong Health	S1	16	26	
Morin	Health 11: Lifelong Health	S2	3	26	
Morin	Health 11: Lifelong Health	S2	2	23	
Morin	Health 11: Lifelong Health	S2	15	28	
Morin	Health 11: Lifelong Health	S2	10	28	
Morin	Health 11: Lifelong Health	S2	13	17	
Morin	Health 11: Lifelong Health	S2	9	23	
Morin	Health 11: Lifelong Health	S2	1	23	25.1

**Class Size Report
2019-2020**

Shrewsbury High School
ITAMS

October 1, 2019

	FTE	# of Sections	# of Students	Avg. Class Size	Median Class Size
Andreola	1.0	9	101	11.2	12
Bredberg	0.2	2	9	4.5	4.5
Calabresi	1.0	6	111	18.5	18.5
Korab	1.0	8	120	15.0	15
Powers	0.4	4	29	7.3	7
Total	3.6	29	370	12.8	16
Last Name	Course Name	Term	Section Number	Class Size	Average Class Size
Calabresi	Computer Science I Honors	FY 19-20	3	15	
Calabresi	Computer Science I Honors	FY 19-20	1	16	
Calabresi	Computer Science I Honors	FY 19-20	2	18	16.3
Calabresi	Computer Science II Honors	FY 19-20	1	19	19.0
Andreola	Cybersecurity	FY 19-20	1	17	17.0
Korab	**Multimedia Application & Adv. Multi	S1	3	13	
Korab	**Multimedia Application & Adv. Multi	S2	1	15	14.0
Andreola	Web Design	S1	2	21	
Andreola	Web Design	S2	1	21	
Calabresi	Web Design	S1	3	22	
Calabresi	Web Design	S2	4	21	21.3
Korab	Introduction to TV Production	S1	2	16	
Korab	Introduction to TV Production	S1	1	15	
Korab	Introduction to TV Production	S2	4	16	
Korab	Introduction to TV Production	S2	3	15	15.5
Korab	TV Production II	FY 19-20	1	16	16.0
Korab	Advanced TV Production Honors	FY 19-20	1	14	14.0
Andreola	Student Innovation Team	FY, S1, S2	4	15	
Andreola	Student Innovation Team	FY, S1, S2	5	15	
Andreola	Student Innovation Team	FY, S1, S2	6	12	
Bredberg	Student Innovation Team	FY, S1, S2	3	9	
Powers	Student Innovation Team	FY, S1, S2	1	16	
Powers	Student Innovation Team	FY, S1, S2	2	13	13.3
**These classes are offered at combined levels.					

**Class Size Report
2019-2020**

Shrewsbury High School
Math

October 1, 2019

	FTE	# of Sections	# of Students	Avg. Class Size	Median Class Size
Anderson	1.0	5	111	22.2	24
Blasioli	1.0	5	113	22.6	23
Busso	1.0	5	105	21.0	24
Cobb	1.0	5	102	20.4	21
Collins	1.0	5	114	22.8	23
Dancy	1.0	5	116	23.2	23
DiReda	1.0	5	106	21.2	20
Gardner	1.0	5	107	21.4	21
Johnson	0.4	2	50	25.0	25
Lowery	1.0	5	101	20.2	23
McDonagh	1.0	5	90	18.0	20
Moisan	1.0	5	107	21.4	22
Mongiat	1.0	5	120	24.0	24
Moran	1.0	5	99	19.8	22
Noel	1.0	5	103	20.6	22
Prior	1.0	5	94	18.8	20
Satterfield	1.0	5	103	20.6	23
Weir	1.0	5	106	21.2	21
White	1.0	5	98	19.6	20
Total	18.4	92	1945	21.1	22

Last Name	Course Name	Term	Section Number	Class Size	Average Class Size
Moran	Essential Math 9/10--co-taught SPED	FY 19-20	1	9	9.0
Busso	Algebra & Geometry I	FY 19-20	1	13	
Busso	Algebra & Geometry I	FY 19-20	2	13	
McDonagh	Algebra & Geometry I	FY 19-20	3	9	
McDonagh	Algebra & Geometry I--co-taught SPED	FY 19-20	4	15	
Prior	Algebra & Geometry I--co-taught ELE	FY 19-20	5	14	
Prior	Algebra & Geometry I	FY 19-20	6	11	
White	Algebra & Geometry I	FY 19-20	7	14	12.7
Lowery	Algebra & Geometry II B--co-taught SPED	FY 19-20	1	8	8.0
DiReda	Algebra & Geometry II B--co-taught ELE	FY 19-20	1	15	15.0
Blasioli	**Algebra & Geometry II & IIB	FY 18-19	1	20	
Blasioli	**Algebra & Geometry II & IIB	FY 18-19	2	22	
Blasioli	**Algebra & Geometry II & IIB	FY 18-19	4	23	
Cobb	**Algebra & Geometry II & IIB	FY 18-19	6	22	
Cobb	**Algebra & Geometry II & IIB	FY 18-19	8	24	
Cobb	**Algebra & Geometry II & IIB	FY 18-19	11	19	
Satterfield	**Algebra & Geometry II & IIB	FY 18-19	3	19	
Satterfield	**Algebra & Geometry II & IIB	FY 18-19	12	23	21.5
Busso	Algebra & Geometry II Honors	FY 19-20	5	26	
Busso	**Research Methods & Alg/Geom II Honors	FY 19-20	3	29	
DiReda	Algebra & Geometry II Honors	FY 19-20	4	26	
DiReda	Algebra & Geometry II Honors	FY 19-20	7	25	
Johnson	Algebra & Geometry II Honors	FY 19-20	1	25	
Johnson	Algebra & Geometry II Honors	FY 19-20	2	25	
Mongiat	Algebra & Geometry II Honors	FY 19-20	6	24	
Mongiat	Algebra & Geometry II Honors	FY 19-20	8	25	25.6

**Class Size Report
2019-2020**

Shrewsbury High School
Math

October 1, 2019

Last Name	Course Name	Term	Section Number	Class Size	Average Class Size
Noel	Advanced Math I B--co-taught SPED	FY 19-20	1	13	13.0
Dancy	Advanced Math I & IB	FY 19-20	6	23	
Dancy	Advanced Math I & IB	FY 19-20	11	23	
Dancy	Advanced Math I & IB	FY 19-20	2	18	
DiReda	Advanced Math I & IB	FY 19-20	7	20	
DiReda	Advanced Math I & IB	FY 19-20	1	20	
Gardner	Advanced Math I & IB	FY 19-20	12	21	
Gardner	Advanced Math I & IB	FY 19-20	3	21	
Moisan	Advanced Math I & IB	FY 19-20	5	24	
Moisan	Advanced Math I & IB	FY 19-20	8	17	
Noel	Advanced Math I & IB	FY 19-20	4	22	
Weir	Advanced Math I & IB	FY 19-20	10	17	20.5
Noel	RM and Alg/Geo II & Adv Math Honors	FY 19-20	1	26	
Dancy	RM and Alg/Geo II & Adv Math Honors	FY 19-20	2	28	
Anderson	**Research Methods & Adv. Math I Honors	FY 19-20	1	26	
Blasioli	Advanced Math I Honors	FY 19-20	6	24	
Blasioli	Advanced Math I Honors	FY 19-20	8	24	
Cobb	Advanced Math I Honors	FY 19-20	5	21	
Dancy	Advanced Math I Honors	FY 19-20	7	24	
Moran	Advanced Math I Honors	FY 19-20	1	23	
Moran	Advanced Math I Honors	FY 19-20	2	24	
White	Advanced Math I Honors	FY 19-20	4	23	
White	Advanced Math I Honors	FY 19-20	3	19	23.1
Satterfield	Advanced Math II Topics	FY 19-20	1	14	14.0
Moisan	Advanced Quantitative Reasoning	FY 19-20	3	20	
Moisan	Advanced Quantitative Reasoning	FY 19-20	2	24	
Mongiat	Advanced Quantitative Reasoning	FY 19-20	1	25	23.0
Moran	Functions & Trigonometry	FY 19-20	1	22	
Moran	Functions & Trigonometry	FY 19-20	2	21	
White	Functions & Trigonometry	FY 19-20	3	22	
White	Functions & Trigonometry	FY 19-20	4	20	21.3
Anderson	Pre-Calculus	FY 19-20	2	24	
Anderson	Pre-Calculus	FY 19-20	13	19	
Collins	Pre-Calculus	FY 19-20	9	24	
Collins	Pre-Calculus	FY 19-20	10	24	
Lowery	Pre-Calculus	FY 19-20	6	23	
Lowery	Pre-Calculus	FY 19-20	5	24	
Mongiat	Pre-Calculus	FY 19-20	14	23	
Mongiat	Pre-Calculus	FY 19-20	1	23	
Weir	Pre-Calculus	FY 19-20	7	21	
Weir	Pre-Calculus	FY 19-20	8	19	22.4
Gardner	Pre-Calculus Honors	FY 19-20	3	23	
Prior	Pre-Calculus Honors	FY 19-20	10	24	
Prior	Pre-Calculus Honors	FY 19-20	8	25	
Satterfield	Pre-Calculus Honors	FY 19-20	11	24	
Satterfield	Pre-Calculus Honors	FY 19-20	9	23	
Weir	**Research Methods Pre-Calculus & Pre-Calc	FY 19-20	1	25	

**Class Size Report
2019-2020**

Shrewsbury High School
Math

October 1, 2019

Last Name	Course Name	Term	Section Number	Class Size	Average Class Size
Weir	Pre-Calculus Honors	FY 19-20	2	24	24.0
Collins	Mathematical Modeling Honors	FY 19-20	1	22	22.0
Anderson	Calculus Honors	FY 19-20	5	18	
Anderson	Calculus Honors	FY 19-20	4	24	
Gardner	Calculus Honors	FY 19-20	3	20	
Gardner	Calculus Honors	FY 19-20	6	22	
McDonagh	Calculus Honors	FY 19-20	7	22	
McDonagh	Calculus Honors	FY 19-20	2	24	
McDonagh	Calculus Honors	FY 19-20	1	20	21.4
Lowery	AP Calculus AB	FY 19-20	1	23	
Lowery	AP Calculus AB	FY 19-20	2	23	23.0
Collins	AP Calculus BC	FY 19-20	1	21	
Collins	AP Calculus BC	FY 19-20	3	23	
Prior	AP Calculus BC	FY 19-20	2	20	21.3
Cobb	AP Statistics	FY 19-20	4	16	
Busso	AP Statistics	FY 19-20	3	24	
Noel	AP Statistics	FY 19-20	1	20	
Noel	AP Statistics	FY 19-20	2	22	20.5
Moisan	Accounting	FY 19-20	1	22	22.0
**These classes are offered at combined levels.					

**Class Size Report
2019-2020**

Shrewsbury High School
Performing Arts

October 1, 2019

	FTE	# of Sections	# of Students	Avg. Class Size	Median Class Size
Lapomardo	1.0	6	187	31.2	25.5
Liporto	1.0	8	200	25.0	20
Mercadante	1.0	7	145	20.7	20
O'Toole	0.3	2	33	16.5	23.5
Total	3.3	23	565	24.6	20
Last Name	Course Name	Term	Section Number	Class Size	Average Class Size
Lapomardo	Theatre Arts I	S1	1	25	25
Lapomardo	Theatrical Design	S2	1	13	13
Liporto	Music Technology	S2	2	14	
Liporto	Music Technology	S1	1	21	17.5
O'Toole	**AP Music Theory & Tech. of Music Theory	FY & S1	1	21	21
Lapomardo	Acapella Choir Honors	FY 19-20	1	20	20
Lapomardo	Freshman Choir	FY 19-20	1	42	42
Lapomardo	**Mixed Choir & Mixed Choir Honors	FY 19-20	1	61	61
Lapomardo	Treble Choir Honors	FY 19-20	1	26	26
Mercadante	**Orchestra & Orchestra Honors	FY 19-20	1	26	
Mercadante	**Orchestra & Orchestra Honors	FY 19-20	2	28	27
Mercadante	Chamber Orchestra Honors	FY 19-20	1	21	21
Liporto	Jazz Band/Wind Ensemble Honors	FY 19-20	1	57	57
Liporto	Concert Band	FY 19-20	1	37	37
O'Toole	World Drumming	S1	1	12	
Mercadante	World Drumming	S1	3	15	
Mercadante	World Drumming	S1	2	15	14.0
Liporto	Intro to Guitar	S1	4	20	
Liporto	Intro to Guitar	S2	5	20	
Liporto	Intro to Guitar	S1	3	20	
Mercadante	Intro to Guitar	S2	1	20	
Mercadante	Intro to Guitar	S2	2	20	20.0
Liporto	Guitar Ensemble	S2	1	11	11.0
**These classes are offered at combined levels.					

**Class Size Report
2019-2020**

Shrewsbury High School
Science

October 1, 2019

	FTE	# of Sections	# of Students	Avg. Class Size	Median Class Size
Brocki	1.0	5	110	22.0	23
Canney	1.0	5	109	21.8	23
Carter	1.0	5	96	19.2	21
Chico	1.0	5	88	17.6	20
Collins	1.0	5	108	21.6	24
Cuddy	1.0	5	90	18.0	21
Doherty	0.6	3	67	22.3	22
Duggan	1.0	7	129	18.4	18
Fickes	1.0	5	105	21.0	22
Hruskoci	0.4	4	88	22.0	22
Lambert-Peloquin	1.0	5	115	23.0	23
McCauley	1.0	5	96	19.2	20
Moriarty	1.0	7	131	18.7	18
Moynihhan	1.0	5	114	22.8	23
Phillips	1.0	5	116	23.2	24
Roland	1.0	5	86	17.2	21
Stack	1.0	5	105	21.0	23
Stoens	1.0	5	115	23.0	23
Tashjian	1.0	5	86	17.2	17
Total	18.0	96	1954	20.4	21

Last Name	Course Name	Term	Section Number	Class Size	Average Class Size
Chico	Lab Introductory Physics	FY 19-20	2	9	
Roland	Lab Introductory Physics	FY 19-20	1	7	
Roland	Lab Introductory Physics--co-taught	FY 19-20	1	11	9.0
Doherty	Introductory Physics	FY 19-20	5	22	
Doherty	Introductory Physics	FY 19-20	6	22	
Doherty	Introductory Physics	FY 19-20	7	23	
Fickes	Introductory Physics	FY 19-20	4	24	
Fickes	Introductory Physics	FY 19-20	3	22	
Roland	Introductory Physics	FY 19-20	1	23	
Roland	Introductory Physics	FY 19-20	2	21	22.4
Collins	Introductory Physics Honors	FY 19-20	1	16	
Collins	Introductory Physics Honors	FY 19-20	4	19	
Fickes	Introductory Physics Honors	FY 19-20	3	25	
Fickes	Introductory Physics Honors	FY 19-20	2	21	20.3
McCauley	Lab Biology	FY 19-20	2	12	
Tashjian	Lab Biology--co-taught SPED	FY 19-20	1	12	
Tashjian	Lab Biology	FY 19-20	1	9	11.0
Brocki	Biology	FY 19-20	6	23	
Brocki	Biology	FY 19-20	4	21	
Lambert-Peloquin	Biology	FY 19-20	3	24	
Lambert-Peloquin	Biology	FY 19-20	7	22	
Lambert-Peloquin	Biology	FY 19-20	5	23	

**Class Size Report
2019-2020**

Shrewsbury High School
Science

October 1, 2019

Last Name	Course Name	Term	Section Number	Class Size	Average Class Size
McCauley	Biology	FY 19-20	1	20	
McCauley	Biology	FY 19-20	2	22	22.1
Brocki	Biology Honors	FY 19-20	12	23	
Brocki	Biology Honors	FY 19-20	13	24	
Canney	Biology Honors	FY 19-20	4	24	
Canney	Biology Honors	FY 19-20	3	24	
Canney	Biology Honors	FY 19-20	14	18	
Carter	**Research Methods & Biology Hono	FY 19-20	9	21	
Lambert-Peloquin	**Research Methods & Biology Hono	FY 19-20	8	21	
Lambert-Peloquin	Biology Honors	FY 19-20	7	25	
McCauley	Biology Honors	FY 19-20	6	24	
McCauley	Biology Honors	FY 19-20	5	18	
Moriarty	Biology Honors	FY 19-20	10	24	
Moriarty	Biology Honors	FY 19-20	11	18	
Tashjian	Biology Honors	FY 19-20	1	24	
Tashjian	Biology Honors	FY 19-20	2	24	22.3
Cuddy	Lab Chemistry--co-taught SPED	FY 19-20	2	8	
Cuddy	Lab Chemistry	FY 19-20	3	16	
Fickes	Lab Chemistry	FY 19-20	4	13	12.3
Moynihan	Chemistry	FY 19-20	7	24	
Moynihan	Chemistry	FY 19-20	8	18	
Phillips	Chemistry	FY 19-20	1	24	
Phillips	Chemistry	FY 19-20	10	24	
Phillips	Chemistry	FY 19-20	2	23	
Phillips	Chemistry	FY 19-20	4	19	
Stack	Chemistry	FY 19-20	3	23	
Stack	Chemistry	FY 19-20	6	15	
Stack	Chemistry	FY 19-20	5	24	
Stoens	Chemistry	FY 19-20	9	24	21.8
Cuddy	Chemistry Honors	FY 19-20	4	21	
Cuddy	Chemistry Honors	FY 19-20	3	24	
Moynihan	Chemistry Honors	FY 19-20	10	23	
Moynihan	Chemistry Honors	FY 19-20	5	23	
Phillips	**Research Methods & Chemistry Ho	FY 19-20	1	26	
Stack	Chemistry Honors	FY 19-20	6	23	
Stack	Chemistry Honors	FY 19-20	7	20	
Stoens	**Research Methods & Chemistry Ho	FY 19-20	2	23	
Stoens	Chemistry Honors	FY 19-20	8	23	22.9
Carter	Human Anatomy & Physiology Hono	FY 19-20	4	13	
Carter	Human Anatomy & Physiology Hono	FY 19-20	3	16	
Duggan	Human Anatomy & Physiology Hono	FY 19-20	2	20	
Duggan	Human Anatomy & Physiology Hono	FY 19-20	1	21	17.5
Collins	Physics	FY 19-20	2	25	
Collins	Physics	FY 19-20	3	24	24.5

**Class Size Report
2019-2020**

Shrewsbury High School
Science

October 1, 2019

Last Name	Course Name	Term	Section Number	Class Size	Average Class Size
Chico	Physics Honors	FY 19-20	3	16	
Chico	Physics Honors	FY 19-20	1	22	
Chico	Physics Honors	FY 19-20	2	21	19.7
Canney	Environmental Science	FY 19-20	1	23	
Stoens	Environmental Science	FY 19-20	1	24	
Stoens	Environmental Science	FY 19-20	2	21	22.7
Brocki	AP Environmental Science	FY 19-20	1	19	
Moriarty	AP Environmental Science	FY 19-20	2	21	20.0
Canney	AP Biology	FY 19-20	3	20	
Duggan	AP Biology	FY 19-20	2	18	
Tashjian	AP Biology	FY 19-20	1	17	18.3
Chico	AP Physics I	FY 19-20	2	20	
Collins	AP Physics I	FY 19-20	3	24	
Roland	AP Physics I	FY 19-20	1	24	22.7
Cuddy	AP Chemistry	FY 19-20	1	21	
Moynihan	AP Chemistry	FY 19-20	3	26	23.5
Carter	Principles of Biomedical Science	FY 19-20	2	22	
Carter	Principles of Biomedical Science	FY 19-20	1	24	23.0
Duggan	**Bioethics & Bioethics Honors	S1	3	18	
Duggan	**Bioethics & Bioethics Honors	S1	6	15	
Duggan	**Bioethics & Bioethics Honors	S2	5	21	
Duggan	**Bioethics & Bioethics Honors	S2	2	16	17.5
Moriarty	**Oceanography & Ocenaography Hd	S1	1	18	
Moriarty	**Oceanography & Ocenaography Hd	S1	2	15	
Moriarty	**Oceanography & Ocenaography Hd	S2	3	19	
Moriarty	**Oceanography & Ocenaography Hd	S2	4	16	17.0
Hruskoci	**Astronomy & Astronomy Honors	S1	1	21	
Hruskoci	**Astronomy & Astronomy Honors	S1	2	24	
Hruskoci	**Astronomy & Astronomy Honors	S2	3	20	
Hruskoci	**Astronomy & Astronomy Honors	S2	4	23	22.0
**These classes are offered at combined levels.					

**Class Size Report
2019-2020**

Shrewsbury High School
Social Science

October 1, 2019

	FTE	# of Sections	# of Students	Avg. Class Size	Median Class Size
Aloisi	1.0	6	127	21.2	20.5
Brown	1.0	5	98	19.6	19
Burke	1.0	7	173	24.7	25
Burke-Smith	1.0	5	112	22.4	22
Burton	1.0	5	103	20.6	20
Carpentier	1.0	6	140	23.3	23
Charest	1.0	7	167	23.9	24
DiFrancesca	0.4	2	41	20.5	20.5
Fitzgerald	1.0	5	114	22.8	23
Grady	1.0	6	127	21.2	22
Gray	1.0	5	125	25.0	26
Hertel-Therrien	1.0	6	150	25.0	26
Mulryan	1.0	6	138	23.0	24.5
Rigberg	1.0	6	131	21.8	22
Scheer	1.0	7	164	23.4	24
Smith	1.0	5	113	22.6	23
Wright	1.0	6	132	22.0	23.5
Total	16.4	95	2155	22.7	23
Last Name	Course Name	Term	Section Number	Class Size	Average Class Size
Brown	World Civilization	FY 19-20	9	23	
Brown	World Civilization	FY 19-20	8	21	
Burke-Smith	World Civilization	FY 19-20	14	21	
Burke-Smith	World Civilization	FY 19-20	15	23	
Burton	World Civilization	FY 19-20	16	20	
Burton	World Civilization	FY 19-20	17	19	
Charest	World Civilization	FY 19-20	1	20	
Charest	World Civilization	FY 19-20	3	22	
Charest	World Civilization	FY 19-20	2	24	
DiFrancesca	World Civilization	FY 19-20	5	20	
DiFrancesca	World Civilization	FY 19-20	4	21	
Gray	World Civilization	FY 19-20	21	23	
Gray	World Civilization	FY 19-20	20	21	
Rigberg	World Civilization	FY 19-20	11	22	
Rigberg	World Civilization	FY 19-20	10	23	
Scheer	World Civilization	FY 19-20	7	24	
Scheer	World Civilization	FY 19-20	6	19	
Smith	World Civilization	FY 19-20	19	20	
Smith	World Civilization	FY 19-20	18	23	
Wright	World Civilization	FY 19-20	12	21	
Wright	World Civilization	FY 19-20	13	24	21.6
Burke-Smith	US History I	FY 19-20	2	22	
Burke-Smith	US History I	FY 19-20	6	22	

**Class Size Report
2019-2020**

Shrewsbury High School
Social Science

October 1, 2019

Last Name	Course Name	Term	Section Number	Class Size	Average Class Size
Burton	US History I	FY 19-20	8	19	
Burton	US History I	FY 19-20	4	21	
Carpentier	US History I	FY 19-20	3	21	
Carpentier	US History I	FY 19-20	5	22	
Fitzgerald	US History I	FY 19-20	1	20	
Fitzgerald	US History I	FY 19-20	7	22	
Scheer	US History I	FY 19-20	11	20	21.0
Burke-Smith	US History I Honors	FY 19-20	11	24	
Burton	US History I Honors	FY 19-20	10	24	
Fitzgerald	US History I Honors	FY 19-20	6	24	
Fitzgerald	US History I Honors	FY 19-20	9	23	
Grady	US History I Honors	FY 19-20	4	23	
Grady	US History I Honors	FY 19-20	7	15	
Hertel-Therrien	US History I Honors	FY 19-20	12	24	
Mulryan	US History I Honors	FY 19-20	2	24	
Mulryan	US History I Honors	FY 19-20	3	25	
Mulryan	US History I Honors	FY 19-20	1	25	
Wright	US History I Honors	FY 19-20	5	23	
Wright	US History I Honors	FY 19-20	8	14	22.3
Grady	US History II	FY 19-20	6	19	
Grady	US History II	FY 19-20	5	21	
Burke	US History II	FY 19-20	2	21	
Burke	US History II	FY 19-20	1	22	
Rigberg	US History II	FY 19-20	3	21	
Rigberg	US History II	FY 19-20	4	22	21.0
Aloisi	US History II Honors	FY 19-20	2	26	
Aloisi	US History II Honors	FY 19-20	3	26	
Burke	US History II Honors	FY 19-20	1	27	
Carpentier	US History II Honors	FY 19-20	7	26	
Carpentier	US History II Honors	FY 19-20	6	26	
Fitzgerald	US History II Honors	FY 19-20	8	25	
Smith	US History II Honors	FY 19-20	5	25	
Smith	US History II Honors	FY 19-20	4	26	25.9
Aloisi	*US History II: American Studies & H	FY 19-20	1	20	
Aloisi	*US History II: American Studies & H	FY 19-20	2	20	
Brown	*US History II: American Studies & H	FY 19-20	3	19	
Brown	*US History II: American Studies & H	FY 19-20	4	19	19.5
Brown	AP US History	FY 19-20	1	16	
Smith	AP US History	FY 19-20	2	19	17.5
Charest	**Economics & Honors	S1	1	26	
Charest	**Economics & Honors	S2	2	24	
Wright	**Economics & Honors	S1	3	26	
Wright	**Economics & Honors	S2	4	24	25.0

**Class Size Report
2019-2020**

Shrewsbury High School
Social Science

October 1, 2019

Last Name	Course Name	Term	Section Number	Class Size	Average Class Size
Aloisi	**American Government & Honors	S1	2	21	21.0
Aloisi	**America and the World Today & Honors	S2	2	14	14.0
Burke	**Psychology & Psychology Honors	S1	1	25	
Burke	**Psychology & Psychology Honors	S1	3	28	
Burke	**Psychology & Psychology Honors	S2	6	24	
Burke	**Psychology & Psychology Honors	S2	7	26	
Charest	**Psychology & Psychology Honors	S1	4	25	
Charest	**Psychology & Psychology Honors	S2	2	26	25.7
Grady	**Sociology & Sociology Honors	S2	6	25	
Carpentier	**Sociology & Sociology Honors	S2	5	24	
Grady	**Sociology & Sociology Honors	S1	4	24	
Mulryan	**Sociology & Sociology Honors	S1	7	20	23.3
Rigberg	**The World at War	S1	1	22	22.0
Hertel-Therrien	**Sports in America & Honors	S1	1	26	
Hertel-Therrien	**Sports in America & Honors	S2	2	22	22.0
Carpentier	**Exploring Family History & Honors	S1	1	21	21.0
Mulryan	**World Religions & Honors	S2	1	18	18.0
Rigberg	**Pop Culture & Honors	S2	1	21	21.0
Scheer	**Law & Order & Honors	S1	1	25	
Scheer	**Law & Order & Honors	S1	2	26	
Scheer	**Law & Order & Honors	S2	1	24	
Scheer	**Law & Order & Honors	S2	2	26	25.3
Gray	AP Psychology	FY 19-20	4	28	
Gray	AP Psychology	FY 19-20	5	27	
Gray	AP Psychology	FY 19-20	6	26	
Hertel-Therrien	AP Psychology	FY 19-20	3	26	
Hertel-Therrien	AP Psychology	FY 19-20	2	26	
Hertel-Therrien	AP Psychology	FY 19-20	1	26	26.5
Mulryan	AP Human Geography	FY 19-20	1	26	26.0
**These classes are offered at combined levels.					

**Class Size Report
2019-2020**

Shrewsbury High School
Special Programs

October 1, 2019

	FTE	# of Sections	# of Students	Avg. Class Size	
Williams	0.1	N/A	N/A	N/A	
Huynh (VHS)	0.2	N/A	82	N/A	
Earls	1.0	N/A	59	11.8	
Last Name	Course Name	Term	Section Number	Class Size	
Earls	Academic Support	FY 19-20	6	10	
Earls	Academic Support	FY 19-20	5	11	
Earls	Academic Support	FY 19-20	4	12	
Earls	Academic Support	FY 19-20	7	12	
Earls	Academic Support	FY 19-20	3	14	
LeMay	Academic Support	FY 19-20	1	10	
Spisto	Academic Support	FY 19-20	2	10	
	Total # of students in Academic Support			48	11.3
Huynh	VHS American Sign Language I	FY 19-20	1	1	
Huynh	VHS AP Economics: Micro and Macro	FY 19-20	5	3	
Huynh	VHS AP Economics: Micro and Macro	FY 19-20	1	1	
Huynh	VHS AP Economics: Micro and Macro	FY 19-20	6	3	
Huynh	VHS AP Economics: Micro and Macro	FY 19-20	3	3	
Huynh	VHS AP Economics: Micro and Macro	FY 19-20	12	1	
Huynh	VHS AP Economics: Micro and Macro	FY 19-20	2	5	
Huynh	VHS AP Govern & Politics: U.S.	FY 19-20	1	2	
Huynh	VHS Biotechnology	S2	1	1	
Huynh	VHS Criminology Honors	S1	1	1	
Huynh	VHS Criminology Honors	S1	4	1	
Huynh	VHS Criminology Honors	S1	2	1	
Huynh	VHS Cybersecurity	S2	1	1	
Huynh	VHS Forensic Science	S1	1	1	
Huynh	VHS Forensic Science	S1	2	1	
Huynh	VHS Forensic Science	S2	3	1	
Huynh	VHS Forensic Science	S2	4	1	
Huynh	VHS Genes & Diseases Honors	S2	1	1	
Huynh	VHS Genes & Diseases Honors	S2	3	1	
Huynh	VHS Genes & Diseases Honors	S1	2	1	
Huynh	VHS Investing: Stock Market	S1	1	1	
Huynh	VHS Kindergarten Apprentice Teacher	S2	1	1	
Huynh	VHS Practical Law	S1	1	1	
Huynh	VHS Pre-Veterinary Medicine	S2	4	1	
Huynh	VHS Pre-Veterinary Medicine	S2	2	1	
Huynh	VHS Pre-Veterinary Medicine	S1	1	1	
Huynh	VHS Pre-Veterinary Medicine Honors	S2	1	1	
Huynh	VHS Screenwriting Fundamentals	S1	1	1	
Huynh	VHS The Glory of Ancient Rome	S1	1	1	
Huynh	VHS The Holocaust	S2	1	1	
Huynh	VHS The Human Body	S2	1	1	
Huynh	VHS Video Game Design	S1	2	1	
Huynh	VHS Video Game Design	S1	1	1	

**Class Size Report
2019-2020**

Shrewsbury High School
Special Programs

October 1, 2019

Huynh	VHS Video Game Design	S1	1	1	
Huynh	VHS Video Game Design	S1	2	1	
Huynh	VHS Video Game Design	S1	1	1	
Huynh	VHS Video Game Design	S1	1	1	
	Total # of students in VHS			48	
Huynh	Cooperative Work Study 5 credits	FY 19-20	1	12	
Huynh	Cooperative Work Study 10 credits	FY 19-20	1	13	
Huynh	Cooperative Work Study 15 credits	FY 19-20	2	9	
	Total # of students in Work Study			34	
Huynh	QCC Calculus I	S1	1	1	
Huynh	QCC Composition I Honors	S1	1	1	
Huynh	QCC Engineering Graphics	S1	1	1	
Huynh	QCC Princ Chemistry for Engineers	S1	1	1	
	Total # of students in Dual Enrollment Program at QCC			1	

**Class Size Report
2019-2020**

Shrewsbury High School
Special Education

October 1, 2019

	FTE	# of Teaching Sections	# of Students	Avg. Class Size	
Arey	1.0	4	32	8.0	
Derosier	1.0	8	45	5.6	
Gonzales	1.0	5	27	5.4	
Heald	1.0	4	31	7.8	
Lemay	1.0	1	10	10.0	
O'Connor	1.0	4	37	9.3	
Ray	1.0	4	19	4.8	
Rohtstein	1.0	5	32	6.4	
Shaughnessy	1.0	5	39	7.8	
Sherman	1.0	6	37	6.2	
Simler	1.0	4	26	6.5	
Spisto	1.0	1	10	10.0	
Tokay	1.0	5	23	4.6	
Quinn	1.0	1	2	2.0	
Wallace	1.0	7	51	7.3	
Total	15.0	64	421	6.6	

Last Name	Co-Taught Courses with a Special Education Staff Member **the following co-taught sections are not included in the sections above	Term	Section Number	Class Size	Average Class Size
Shaughnessy & Burnett	English 9B--co-taught SPED	FY 19-20	1	6	
Heald & Moran	Essential Math 9/10--co-taught SPED	FY 19-20	1	9	
Rohtstein & McDonagh	Algebra & Geometry I--co-taught SPED	FY 19-20	4	15	
Heald & Lowery	Algebra & Geometry II B--co-taught SPED	FY 19-20	1	8	
Gonzales & Noel	Advanced Math I B--co-taught SPED	FY 19-20	1	13	
O'Connor & Tashjian	Lab Biology--co-taught SPED	FY 19-20	1	12	
Gonzales & Cuddy	Lab Chemistry--co-taught SPED	FY 19-20	2	8	
Tokay & Roland	Lab Introductory Physics--co-taught SPED	FY 19-20	1	11	
Total				82.0	10.3

Last Name	Course Name	Term	Section Number	Class Size	Average Class Size
Derosier	ELC Consumer Math	FY 19-20	2	6	
Wallace	ELC Consumer Math	FY 19-20	1	7	6.5
Derosier	ELC ELA Topics	FY 19-20	2	5	
Wallace	ELC ELA Topics	FY 19-20	3	9	7.0
Derosier	ELC Science Topics	FY 19-20	2	9	
Wallace	ELC Science Topics	FY 19-20	1	7	8.0
Wallace	ELC Topics in Transition	FY 19-20	1	7	
Derosier	ELC Topics in Transition	FY 19-20	2	5	6.0
Shaughnessy	Essential English 9/10	FY 19-20	2	5	
Shaughnessy	Essential English 9/10	FY 19-20	1	10	7.5
Arey	Essential History 11/12	FY 19-20	1	7	
Arey	Essential History 11/12	FY 19-20	2	8	7.5
Derosier	Essential History 9/10	FY 19-20	2	6	
Derosier	Essential History 9/10	FY 19-20	1	8	7.0

**Class Size Report
2019-2020**

Shrewsbury High School
Special Education

October 1, 2019

Last Name	Course Name	Term	Section Number	Class Size	Average Class Size
Sherman	Essential Math 11/12	FY 19-20	1	5	
Sherman	Essential Math 11/12	FY 19-20	2	7	6.0
Heald	Essential Math 9/10	FY 19-20	2	11	11.0
Derosier	Learning Skills 11/12	FY 19-20	44	2	
Gonzales	Learning Skills 11/12	FY 19-20	45	5	
Gonzales	Learning Skills 11/12	FY 19-20	7	6	
Gonzales	Learning Skills 11/12	FY 19-20	14	7	
Heald	Learning Skills 11/12	FY 19-20	2	8	
Heald	Learning Skills 11/12	FY 19-20	10	11	
O'Connor	Learning Skills 11/12	FY 19-20	4	5	
O'Connor	Learning Skills 11/12	FY 19-20	1	7	
Ray	Learning Skills 11/12	FY 19-20	6	4	
Rohtstein	Learning Skills 11/12	FY 19-20	46	4	
Rohtstein	Learning Skills 11/12	FY 19-20	16	4	
Shaughnessy	Learning Skills 11/12	FY 19-20	15	9	
Sherman	Learning Skills 11/12	FY 19-20	11	8	
Sherman	Learning Skills 11/12	FY 19-20	8	9	
Simler	Learning Skills 11/12	FY 19-20	3	6	
Simler	Learning Skills 11/12	FY 19-20	9	8	
Tokay	Learning Skills 11/12	FY 19-20	5	2	
Tokay	Learning Skills 11/12	FY 19-20	12	8	
Wallace	Learning Skills 11/12	FY 19-20	48	1	6.0
Arey	Learning Skills 9/10	FY 19-20	18	8	
Gonzales	Learning Skills 9/10	FY 19-20	12	3	
Gonzales	Learning Skills 9/10	FY 19-20	13	6	
Heald	Learning Skills 9/10	FY 19-20	11	1	
O'Connor	Learning Skills 9/10	FY 19-20	8	8	
Ray	Learning Skills 9/10	FY 19-20	21	4	
Ray	Learning Skills 9/10	FY 19-20	19	5	
Ray	Learning Skills 9/10	FY 19-20	20	6	
Rohtstein	Learning Skills 9/10	FY 19-20	6	5	
Rohtstein	Learning Skills 9/10	FY 19-20	4	8	
Rohtstein	Learning Skills 9/10	FY 19-20	7	11	
Shaughnessy	Learning Skills 9/10	FY 19-20	10	7	
Shaughnessy	Learning Skills 9/10	FY 19-20	9	8	
Sherman	Learning Skills 9/10	FY 19-20	14	3	
Sherman	Learning Skills 9/10	FY 19-20	15	5	
Simler	Learning Skills 9/10	FY 19-20	16	6	
Simler	Learning Skills 9/10	FY 19-20	17	6	
Tokay	Learning Skills 9/10	FY 19-20	3	3	
Tokay	Learning Skills 9/10	FY 19-20	1	5	
Tokay	Learning Skills 9/10	FY 19-20	2	5	5.7
Arey	Learning Skills S	FY 19-20	2	9	
Quinn	Learning Skills S	FY 19-20	1	2	5.5
O'Connor	M.O.V.E.	FY 19-20	1	17	17.0
Derosier	Vocational Exploration	FY 19-20	2	4	
Wallace	Vocational Exploration	FY 19-20	1	7	5.5
Wallace	World of Work	FY 19-20	1	13	13.0

**Class Size Report
2019-2020**

Shrewsbury High School
Visual Arts

October 1, 2019

	FTE	# of Sections	# of Students	Avg. Class Size	Median Class Size
Cobb	1.0	9	127	14.1	14
Fox	1.0	10	166	16.6	18
LeBlanc	0.4	4	74	18.5	18
Valeri	1.0	10	172	17.2	18
Williams	0.9 + .1 VHS	9	116	12.9	14
Total	4.3	42	655	15.6	18
Last Name	Course Name	Term	Section Number	Class Size	Average Class Size
Fox	Art Intro	S1	2	13	
Fox	Art Intro	S1	1	14	
LeBlanc	Art Intro	S1	3	17	
Valeri	Art Intro	S1	4	17	
Valeri	Art Intro	S2	5	12	14.6
LeBlanc	Ceramics	S2	9	18	
LeBlanc	Ceramics	S1	10	18	
Valeri	Ceramics	S2	7	18	
Valeri	Ceramics	S1	1	18	
Valeri	Ceramics	S2	5	18	
Valeri	Ceramics	S2	6	18	
Valeri	Ceramics	S1	4	18	
Valeri	Ceramics	S2	8	18	
Valeri	Ceramics	S1	2	17	
Valeri	Ceramics	S1	3	18	17.9
Williams	Sculpture and Installation	S1	1	9	9.0
Williams	Ceramics II & Sculpture	S2	2	16	
Williams	Ceramics II & Sculpture	S2	1	18	17.0
Williams	Ceramics III & Sculpture	S1	1	8	8.0
Fox	Creative Sketchbooks	S2	4	19	
Fox	Creative Sketchbooks	S1	2	19	
Fox	Creative Sketchbooks	S2	3	18	
LeBlanc	Creative Sketchbooks	S2	1	21	19.3
Cobb	Traditional and Digital Photography	S2	4	11	
Cobb	Traditional and Digital Photography	S2	3	13	
Cobb	Traditional and Digital Photography	S1	2	12	
Cobb	Traditional and Digital Photography	S1	1	15	
Williams	Traditional and Digital Photography	S1	5	16	
Williams	Traditional and Digital Photography	S2	8	14	
Williams	Traditional and Digital Photography	S2	7	13	
Williams	Traditional and Digital Photography	S1	6	15	13.6

**Class Size Report
2019-2020**

Shrewsbury High School
Visual Arts

October 1, 2019

Last Name	Course Name	Term	Section Number	Class Size	Average Class Size
Fox	Digital Art & Design	S1	2	18	
Fox	Digital Art & Design	S1	1	19	
Cobb	Digital Art & Design	S1	4	16	
Cobb	Digital Art & Design	S2	5	13	
Cobb	Digital Art & Design	S2	6	17	
Cobb	Digital Art & Design	S1	3	14	16.2
Williams	Art Appreciation	S1	1	7	7.0
Fox	Mixed Media	S2	1	15	15.0
Fox	Studio I Semester	S2	2	13	
Fox	Studio I Semester	S2	1	18	15.5
Cobb	Studio II Honors	FY 19-20	1	16	16.0

The information for the Special Education Department is presented in a different format from the other departments. Courses taught by each individual teacher are provided along with the total number of students for whom each teacher has liaison responsibility (write IEP, collect data, report progress, attend meetings, etc).

Teacher	Title	# of Students	FTE	Assignment
Arey	Teacher/Liaison	15	1	<ul style="list-style-type: none"> • Essential History (2) • TEST (2) • Learning Skills (2)
Derosier	ELC Teacher/Liaison	6	1	<ul style="list-style-type: none"> • ELC Math • ELC History • ELC Science • ELC English • Essential History (2)
D'Onofrio	Adjustment Counselor	fluid	1	<ul style="list-style-type: none"> • Transitions Program
Gonzales	Teacher/Liaison	23	1	<ul style="list-style-type: none"> • Learning Skills (4) • Co-Taught Lab Chemistry • Co-taught AM IB
Harrigan	Special Education Team Chair	--	1	<ul style="list-style-type: none"> • Schedule & Chair mtgs. • Monitor IEP compliance • Review & Process IEP's
Heald	Teacher/Liaison	19	1	<ul style="list-style-type: none"> • A/G II—co-taught • Essential Math (2) • Learning Skills (3)
LeMay	Psychologist	fluid	1	<ul style="list-style-type: none"> • Academic Support (1) • Counseling—Individual and Groups • TEST
McSweeney	Transition Specialist/Liaison	fluid	1	<ul style="list-style-type: none"> • Private School Liaison • Transitions Program
O'Connor	Teacher/Liaison	21	1	<ul style="list-style-type: none"> • Learning Skills (3) • Co-taught Lab Biology • MOVE Program (2)
Quinn	Speech Language Pathologist	fluid	1	<ul style="list-style-type: none"> • Speech/Language services and groups as determined by IEPs • Learning Skills (1)

Ray	Teacher/Liaison	17	1	<ul style="list-style-type: none"> • Learning Skills (4) • TEST (2)
Rohtstein	Teacher/Liaison	25	1	<ul style="list-style-type: none"> • Co-taught AG I • Learning Skills (5)

Shaughnessy	Teacher/Liaison	20	1	<ul style="list-style-type: none"> • Learning Skills (2) • Essential English (2) • Co-taught English 9B
Sherman	Teacher/Liaison	22	1	<ul style="list-style-type: none"> • Essential Math 11-12 (2) • Learning Skills (4)
Simler	Teacher/Liaison	21	1	<ul style="list-style-type: none"> • Essential English 11/12 (2) • Learning Skills (4)
Spisto	Psychologist	fluid	1	<ul style="list-style-type: none"> • Academic Support (1) • Counseling—Individual and Groups • TEST
Tokay	Teacher/Liaison	18	1	<ul style="list-style-type: none"> • Learning Skills (5) • Co-Taught Lab Physics
Vokes	Adjustment Counselor	fluid	1	<ul style="list-style-type: none"> • Counseling—Individual and Groups (general and special education)
Wallace	ELC Teacher/Liaison	8	1	<ul style="list-style-type: none"> • Vocational Explorations • ELC Math • ELC English • Tech Explorations • Life Skills Science • World of Work

Caseloads
2019 - 2020

School Counselor	Class of 2022	Class of 2021	Class of 2020	Class of 2019	FTE	2015 - 2016 Totals	2016 - 2017 Totals	2017-2018 Totals	2018-2019 Totals	2019-2020 Totals
Diamantopoulos	57	61	53	63	1.0	228	253	247	249	234
Eriole	59	61	55	67	1.0	232	250	254	256	242
Floyd	59	62	58	65	1.0	232	247	254	239	244
Flynn	58	54	55	64	1.0	233	254	255	252	231
Huynh (Director)	9	5	5	13	.4	55	65	72	89	32
Lussier	55	57	55	68	1.0	235	247	255	249	235
O'Connor	56	53	56	65	1.0	229	241	249	250	230
Rice	58	58	54	62	1.0	224	235	246	254	232
Vega	59	58	61	34	1.0	-	-	-	-	212
Totals	470	469	452	501	8.4	1668	1792	1832	1838	1892

**Annual Ratios of
Students-to-School Counselors**

2019-2020 Ratio = 225-to-1
 2018-2019 Ratio = 248-to-1
 2017-2018 Ratio = 248-to-1
 2016-2017 Ratio = 242-to-1
 2015-2016 Ratio = 225-to-1
 2014-2015 Ratio = 228-to-1
 2013-2014 Ratio = 259-to-1
 2012-2013 Ratio = 259-to-1
 2011-2012 Ratio = 255-to-1



**SHREWSBURY PUBLIC SCHOOLS
SCHOOL COMMITTEE MEETING**

ITEM NO: **V. Curriculum**

MEETING DATE: **10/30/19**

BACKGROUND INFORMATION:

ACTION RECOMMENDED:

STAFF AVAILABLE FOR PRESENTATION:



**SHREWSBURY PUBLIC SCHOOLS
SCHOOL COMMITTEE MEETING**

ITEM NO: **VI. Policy**

MEETING DATE: **10/30/19**

BACKGROUND INFORMATION:

ACTION RECOMMENDED:

COMMITTEE MEMBERS/STAFF AVAILABLE FOR PRESENTATION:



**SHREWSBURY PUBLIC SCHOOLS
SCHOOL COMMITTEE MEETING**

ITEM NO: **VII. Finance & Operations**

MEETING DATE: **10/30/19**

A. Fiscal Year 2021 Budget Priorities & Guidelines: Vote

BACKGROUND INFORMATION:

At the School Committee meeting on October 16, 2019, Mr. Collins presented a draft of Priorities & Guidelines for FY21 that incorporated input from the Finance Subcommittee, which is comprised of Dr. Magee and Ms. Heffernan. The draft (enclosed) has been posted for public review. The Committee will have an opportunity to vote to approve the Fiscal Priorities & Guidelines tonight.

ACTION RECOMMENDED:

That the Committee vote to approve the Priorities & Guidelines for Fiscal Year 2021 Budget Development.

MEMBERS & STAFF AVAILABLE FOR PRESENTATION:

Dr. B. Dale Magee

Ms. Lynsey Heffernan

Mr. Patrick Collins, Assistant Superintendent for Finance & Operations



Shrewsbury School Committee Priorities & Guidelines for Fiscal Year 2021 Budget Development

Overview

This document provides the community with information about the School Committee's priorities for the Fiscal Year 2021 School Department Budget. It is also designed to provide guidance to the Superintendent of Schools and the School Department administration regarding the development of its initial Fiscal Year 2021 School Department Budget proposal.

The FY21 School Department Budget should be designed to enable progress toward the School Committee's aspirations for student success outlined in the [Portrait of a Shrewsbury Graduate](#) and the [Strategic Priorities & Goals 2018 – 2022](#).

Budgetary Priorities

The initial FY21 School Department Budget proposal shall include resources to address each of the following priorities:

- To sustain the improvements in class size realized through the Fiscal Year 2015 budget by keeping as many sections as possible within School Committee guidelines for class size. These guidelines are: Preschool: 15; Kindergarten: 17-19; Grades 1 & 2: 20-22; Grades 3-8: 22-24; Grades 9-12: 18-20.
- To continue investing in instructional materials, curriculum personnel, and staff professional development in order to ensure that the district's educational program meets local expectations for academic rigor, as well as state mandates.
- To make sufficient investments in technology in order to realize the educational and operational benefits available through digital resources and to provide sufficient capacity for the state's new testing system, while creating opportunities to benefit from short and long-term cost efficiencies.
- To make investments in district-based programming and resources in order to provide high quality, cost effective opportunities to educate students with all forms of

specialized needs within their own community's schools rather than specialized placements outside of the district.

- To further fulfill the recommendations of the University of Massachusetts [Edward J. Collins Center for Public Management] Central Office Organizational Study by providing resources to address district capacity related to personnel, organization, space, and technology.

Assumptions & Guidance

The initial FY21 School Department Budget proposal should:

1. Provide adequate resources to meet all legal mandates required of the school district.
2. Reflect the terms of collective bargaining agreements and other contractual obligations.
3. Provide sufficient resources to maintain a) the existing educational program and b) staffing levels necessary to meet mandates and priorities.
4. Utilize the best available information to project changes in costs (such as tuitions) and revenues (such as state funding through the Chapter 70 and Circuit Breaker programs, grants, etc.).
5. Estimate the level funding of all federal and state grants and factor known increases or reductions from FY20.
6. Review fee levels for all programs and adjust, as necessary, to reflect market price conditions and specific cost structure of each program; this will include reducing full-day kindergarten tuition to continue the gradual shift of costs from families to the district in anticipation of providing tuition-free, universal full-day kindergarten when the new Beal School opens in FY22.
7. Examine ways to reduce or shift costs in order to achieve district priorities without requiring additional funding allocations wherever possible.
8. Assume, due to space constraints, that no new School Choice seats will be added and therefore no additional revenue will be available from this source.
9. Consider the town's tax levy constraints, consistent with prior practice.
10. Display data and information in new and different ways. In an effort to enhance the understanding of the School Department budget by all constituents, including Town Meeting Representatives, additional charts and graphs will be incorporated into the process. In addition to print materials, the *ClearGov* budgeting platform will be initiated to communicate data via infographics with drill-down features for detailed information. This will be a coordinated effort with the Town Manager's Office which is using *ClearGov* to display municipal budget information.
11. Separate information regarding "status quo" or "level services" budget requirements from information regarding any new resources required to meet the district's strategic priorities and goals.



**SHREWSBURY PUBLIC SCHOOLS
SCHOOL COMMITTEE MEETING**

ITEM NO: **VIII. Old Business**

MEETING DATE: **10/30/19**

BACKGROUND INFORMATION:

ACTION RECOMMENDED:

MEMBERS/STAFF AVAILABLE FOR PRESENTATION:



**SHREWSBURY PUBLIC SCHOOLS
SCHOOL COMMITTEE MEETING**

ITEM NO: **IX. New Business**

MEETING DATE: **10/30/19**

BACKGROUND INFORMATION:

ACTION RECOMMENDED:

STAFF AVAILABLE FOR PRESENTATION:



**SHREWSBURY PUBLIC SCHOOLS
SCHOOL COMMITTEE MEETING**

ITEM NO: **X. Approval of Minutes**

MEETING DATE: **10/30/19**

BACKGROUND INFORMATION:

The minutes from the School Committee Meeting held on October 16, 2019 are enclosed.

ACTION RECOMMENDED:

That the Committee accept the minutes from the School Committee Meeting held on October 16, 2019.

STAFF AVAILABLE FOR PRESENTATION:

Ms. Sandra Fryc, Chairperson

Dr. B. Dale Magee, Secretary

**SHREWSBURY PUBLIC SCHOOLS
100 MAPLE AVENUE
SHREWSBURY, MASSACHUSETTS**

MINUTES OF SCHOOL COMMITTEE MEETING

Wednesday, October 16, 2019

Present: Ms. Sandy Fryc, Chairperson; Mr. Jon Wensky, Vice Chairperson (by phone); Dr. B. Dale Magee, Secretary; Ms. Lynsey Heffernan; Mr. Jason Palitsch; Mr. Patrick Collins, Assistant Superintendent for Finance and Operations; Ms. Amy B. Clouter, Assistant Superintendent for Curriculum & Instruction (joined meeting at 7:00 PM); Ms. Barb Malone, Executive Director of Human Resources; and Dr. Joseph Sawyer, Superintendent of Schools.

A complete audio/visual recording of this meeting is available on the Shrewsbury Public Schools website.

The meeting opened at 6:30 PM and Ms. Fryc immediately requested a motion to adjourn to Executive Session for the purpose of collective bargaining with the Shrewsbury Education Association – Unit B, where deliberation in an open meeting may have a detrimental effect on the bargaining position of the public body, and for the purpose of reviewing, approving, and/or releasing executive session minutes. On a motion by Mr. Palitsch, seconded by Ms. Heffernan, on a roll call vote: Ms. Fryc: Yes; Mr. Wensky, Yes (by phone); Dr. Magee: Yes; Mr. Palitsch: Yes; Ms Heffernan: Yes; the School Committee voted to adjourn to executive session at 6:30 PM.

The Committee returned to open session at 6:45 PM, and the meeting was recessed. Ms. Malone and Mr. Wensky (by phone) left the meeting. The meeting was reconvened at 7:00 PM by Ms. Fryc, with Ms. Clouter joining the meeting.

I. Public Participation

None.

II. Chairperson's Report & Members' Reports

Ms. Fryc reported that the School Committee is forming a Redistricting Committee to examine information, review options, and make recommendations to the School Committee for the redistricting of elementary school attendance zone boundaries for grades Kindergarten through Grade 4. She described the Committee's makeup, eligibility requirements for parent representatives, expectations, and the selection process. Ms. Fryc invited interested parents to

send her a letter of interest via email indicating why they wish to serve in this important role, and noting any relevant experiences that might be helpful to the committee's work.

III. Superintendent's Report

Dr. Sawyer noted he, Mr. Collins, Town officials, project team members, and Massachusetts State Building Authority (MSBA) representatives met earlier in the day at the Beal School site for a construction kickoff meeting, adding that the project so far was on schedule and under budget. Dr. Sawyer advised that the Performing Arts Department's Fall Concerts are happening this week and congratulated students and staff on those concerts already held, and added that he attended the first game of the Unified Basketball team earlier in the day and congratulated participants on a successful kickoff to the season.

IV. Time Scheduled Appointments:

A. SHS Student Advisory Committee: Report

Shrewsbury High School (SHS) students Sophia Peng (Chairperson), Max Evers, Aabia Hasan, David Lee, and Nikitha Ram gave their first Student Advisory Committee (SAC) report of the year, which included information on the start of the school year (the first-ever Activity Fair for Grade 9 and transfer students, new classes, Student Council Fall Leadership Conference); student life (college application process, impact of Eastern Equine Encephalitis (EEE) virus precautions on athletic events and practices, reactions to the initial planned Advisory Period; crowding at lunch and in hallways); and SHS events (Spirit of Shrewsbury participation, dedication of new SHS Athletic Facility, September 11 Day of Service, volunteer activities).

In response to questions, they provided additional information to the Committee on the genesis of the Day of Service and student participation (40 students), the Activity Fair for freshmen (held during homeroom period), and new schedules being tested out to try to alleviate crowding at lunch.

B. Homework Feedback from Stakeholders: Report

In her report, Ms. Clouter provided an update on the district's review of homework policy that focused on data provided by the Thoughtexchange survey taken by staff, parents, and students in grades 4-12 in April 2019. Ms. Clouter described work being done by the district; noted the rationale for addressing the topic of homework now; provided a timeline of the process; described desired outcomes for the work; and discussed next steps.

Part-way through the report, Ms. Clouter introduced Rita MacLeod, Account Manager at Thoughtexchange, who addressed the Committee via a live video feed from Canada. Ms. MacLeod provided information on data collected in the exchange that included details regarding: participant groups, conversation themes, top thoughts and associated ratings, the ability to break down data by groups (participant groups, grade level, etc.), looking to highest rated themes to see what is important, and how Thoughtexchange summarized data.

The Committee discussed concerns around participation selecting for a certain demographic since (adult) respondents chose to opt in, noted differences in responses by school, expressed a

desire to see disaggregated data, and stressed the importance of utilizing research on homework to determine what is best for students. Dr. Sawyer noted that homework policy became a topic of importance based on feedback from shareholders when the district's Strategic Priorities were being developed, and advised that work around this would be used to explore best practices.

C. SHS Class of 2019 Future Plans: Report

In their annual report, Ms. Nga Huynh, Director of School Counseling, and Mr. Todd Bazydlo, Principal, SHS, provided information on: public and private 2- and 4-year matriculations (over five years); future plans by gender; application information; matriculation geographic information; selectivity (Barron's) of matriculations; future plans, and public and private matriculations of students receiving special education services; and highlights from the student Exit Survey.

The Committee asked clarifying questions around student/parent understanding of higher education costs and debt (with parents who did not attend college or did not attend college in America comprising specific cohorts); offering educational opportunities earlier in the college search process to students and parents relative to college cost/debt; data on test blind schools; and the use of applications (Naviance platform at SHS) to access data on applications/admissions to individual schools

V. Curriculum

None.

VI. Policy

None.

VII. Finance & Operations

A. Fiscal Year 2021 Budget Priorities & Guidelines: Draft

Ms. Fryc advised that Dr. Magee and Ms. Heffernan comprise the Finance Subcommittee. Dr. Magee noted that the draft provides high-level guidelines and describes budget goals to the community while illustrating how the district strives to be prudent with resources and looks for better ways to communicate information on the budget. Ms. Heffernan added that it provides information on the assumptions that go into formulating the budget, and incorporates recommendations from the University of Massachusetts (Edward J. Collins Center for Public Management) Central Office Organizational Study completed in Spring 2019. Mr. Collins noted that the document also provides guidance to the Superintendent and Administration regarding development of the budget, and highlighted the assumption that no new School Choice seats be added due to space constraints.

Committee members commended the document's clarity and conciseness, and Ms. Heffernan noted the potential for future communication work around presenting budget information in the context of breaking news from the Massachusetts State House. Dr. Sawyer noted the draft

document would be posted for public viewing and feedback in advance of a vote at the School Committee meeting on October 30, 2019.

VIII. Old Business

None.

IX. New Business

None.

X. Approval of Minutes

Without objections from the Committee, the minutes from the School Committee Meeting held on October 2, 2019 were accepted as distributed.

XI. Executive Session

Please see above.

XII. Adjournment

On a motion by Mr. Palitsch, seconded by Dr. Magee, the committee unanimously agreed to adjourn the meeting at 8:54 pm. Roll call votes were as follows: Dr. Magee, yes; Mr. Palitsch, yes; Ms. Heffernan, yes; and Ms. Fryc, yes.

Respectfully submitted,

Elizabeth McCollum, Clerk

Documents referenced:

1. Student Advisory Committee Agenda
2. Homework Memo
3. Thoughtexchange Homework Summary Report
4. Homework Slide Presentation
5. SHS Class of 2019 Future Plans Report
6. SHS Class of 2019 Future Plans Slide Presentation
7. FY21 Budget Priorities & Guidelines Draft
8. Set(s) of minutes as referenced above



**SHREWSBURY PUBLIC SCHOOLS
SCHOOL COMMITTEE MEETING**

ITEM NO: **XI. Executive Session**

MEETING DATE: **10/30/19**

- A. For the purpose of collective bargaining with the Shrewsbury Education Association – Unit B**
- B. For the purpose of reviewing, approving, and/or releasing executive session minutes**

BACKGROUND INFORMATION:

Executive session is warranted for these purposes.

ACTION RECOMMENDED:

That the School Committee enter into executive session for the purpose of collective bargaining with the Shrewsbury Education Association - Unit B, where deliberation in an open meeting may have a detrimental effect on the bargaining position of the public body, and for the purpose of reviewing, approving, and/or releasing executive session minutes, and return to Open Session only for the purpose of adjourning for the evening.

STAFF AVAILABLE FOR PRESENTATION:

Dr. Joseph M. Sawyer, Superintendent of Schools
Ms. Barbara A. Malone, Executive Director of Human Resources

ITEM NO: **XII. Adjournment**