FUNCT	ION			Adopted			% Change
REGULAR INSTRUCTION		Actual	Actual	Budget	Budget		2017-2018 to
MIDDL	E SUMMARY	2015-2016	2016-2017	2017-2018	2018-2019	Difference	2018-2019
5112	Teacher Salaries	11.044.220	12 570 720	12 907 055	12 212 000	43.5.04.6	
5112	Librarian Salaries	11,944,320	12,570,728	12,896,055	13,312,000	415,946	3.23
		252,627	260,960	268,909	281,902	12,993	4.83
5185	Teacher Assistants	2,933	6,318	15,834		-15,834	-100.00
	Subtotal	12,199,879	12,838,005	13,180,798	13,593,902	413,105	3.13
5335	Conferences & Meetings	264	1,337	3,124	758	-2,366	-75.74
5360	Printing & Binding	245		137		-137	-100.00
5410	Repair/Maintenance of Equipment	6,005	4,811	7,500	7,500		0.00
5490	Contracted Services		167	1,305	1,250	-55	-4.24
5510	Instructional Supplies	112,100	126,884	127,381	125,610	-1,771	-1.39
5511	Audio/Visual Software	2,864	886	4,033	5,703	1,670	41.40
5513	Computer Software		585		3,800	3,800	
5515	Office Supplies	54	129	500	500		0.00
5520	Textbooks	13,784	18,729	22,655	18,445	-4,210	-18.58
5525	Workbooks	3,302	439	1,310	1,288	-22	-1.68
5530	Library Books	27,350	32,467	34,417	31,511	-2,906	-8.44
5540	Periodicals	8,212	9,107	13,140	11,694	-1,446	-11.00
5545	Test Materials	600		412	2,100	1,688	409.46
5591	Supplies and Fees	22,911	17,916	21,191	18,961	-2,230	-10.53
5592	Dues and Fees	1,738	1,584	3,310	1,550	-1,760	-53.17
	Subtotal	199,428	215,041	240,417	230,670	-9,747	-4.05
5640	Equipment	257		3,573	1,460	-2,113	-59.14
5642	Computer Equipment	2,025					
	Subtotal	2,282		3,573	1,460	-2,113	-59.14
	Program Total	12,401,590	13,053,046	13,424,787	13,826,032	401,245	2.99

Function: REGULAR INSTRUCTION

Level: MIDDLE SCHOOL

Program: Position Summary

			2015	7 10	75 1	Change
	Actual	Actual	2017		Budget	Adopted 2017-18
Positions	2015-16	2016-17	Budget	Current	2018-19	to 2018-19
Teachers:						
English Language Arts	21.70	22.50	22.00	22.80	22.80	0.80
Mathematics	23.50	24.50	24.00	24.80	24.80	0.80
Science	21.60	21.60	22.00	22.00	22.00	0.00
Social Studies	21.50	22.50	22.00	22.20	22.20	0.20
World Language	21.00	21.00	20.00	<u>19.60</u>	<u>19.60</u>	<u>-0.40</u>
Total	109.30	112.10	110.00	111.40	111.40	1.40
Unified Arts:						
Art	7.00	7.00	7.00	7.00	7.00	0.00
Technology/Engineering	7.00	7.00	7.00	7.00	7.00	0.00
Music	14.70	14.90	14.90	14.90	14.90	0.00
Health/P.E.	16.47	16.30	16.30	16.30	16.30	0.00
Alternate Education	1.00	1.00	1.00	0.00	0.00	-1.00
Reading	6.00	6.00	6.00	6.00	6.00	0.00
Library Media Specialists	3.00	3.00	3.00	3.00	3.00	0.00
TOTAL	164.47	167.30	165.20	165.60	165.60	0.40

FUNCT	ION PROGRAM	Actual	Actual	Adopted Budget	Budget		% Change 2017-2018 to
REGUL	AR INSTRUCTION MIDDLE - ACADEMICS	2015-2016	2016-2017	2017-2018	2018-2019	Difference	2018-2019
5112	Teacher Salaries	8,056,364	8,562,565	8,795,092	9,095,812	300,720	3.42
	Subtotal	8,056,364	8,562,565	8,795,092	9,095,812	300,720	3.42
5335	Conferences & Meetings	264	1,337	3,124	758	-2,366	-75.74
5360	Printing & Binding	245		137		-137	-100.00
5490	Contracted Services			389	250	-139	-35.78
5510	Instructional Supplies	42,655	56,040	52,945	54,172	1,227	2.32
5511	Audio/Visual Software	366	342	1,502	1,476	-26	-1.75
5513	Computer Software		585		3,800	3,800	
5515	Office Supplies	54	129	500	500		0.00
5520	Textbooks	13,784	18,729	22,655	18,445	-4,210	-18.58
5525	Workbooks	3,302	439	1,310	1,288	-22	-1.68
5530	Library Books		510	3,427	3,000	-427	-12.46
5540	Periodicals	4,882	6,083	10,031	9,329	-702	-7.00
5545	Test Materials	600		412	2,100	1,688	409.46
5592	Dues and Fees	1,738	1,584	3,310	1,550	-1,760	-53.17
	Subtotal	67,889	85,778	99,743	96,668	-3,075	-3.08
5640	Equipment	257		3,573	1,460	-2,113	-59.14
5642	Computer Equipment	2,025					
	Subtotal	2,282		3,573	1,460	-2,113	-59.14
	Program Total	8,126,535	8,648,343	8,898,408	9,193,940	295,532	3.32

Function: REGULAR INSTRUCTION

Level: MIDDLE SCHOOL

Program: Academics (Language Arts, Mathematics, Science, Social Studies,

and World Language)

	Actual	Actual	2017-18		Budget
Positions	2015-16	2016-17	Adopted	Current	2018-19
Teachers:					
English Language Arts	21.70	22.50	22.00	22.80	22.80
Mathematics	23.50	24.50	24.00	24.80	24.80
Science	21.60	21.60	22.00	22.00	22.00
Social Studies	21.50	22.50	22.00	22.20	22.20
World Language	<u>21.00</u>	21.00	<u>20.00</u>	<u>19.60</u>	<u>19.60</u>
TOTAL	109.30	112.10	110.00	111.40	111.40

BUDGET NARRATIVE:

Program Description: Understanding middle school means understanding the nature of the age group which it is expected to serve. The ages from 10 to 14 mark a distinct developmental period, now recognized as the time of transition from childhood to adolescence. The physical, intellectual, social, and emotional changes which occur during this interval are more dramatic than at any other stage in life.

Language Arts: The Language Arts Program continues development of basic skills in language structure. reading, composition, literature, speaking, spelling, listening, and vocabulary as detailed in the Connecticut Core Standards. The language arts program also addresses critical and higher order thinking skills through a variety of methodologies.

Mathematics: The Mathematics Program continues and extends development of mathematical skills, conceptual understanding and applications through a variety of instructional strategies. A broad curriculum is grades, groups of students are assigned to teams for instruction. presented to all students encompassing experiences with several branches of mathematics, including algebra and geometry, and emphasizing problem solving and reasoning as the central focus of mathematics instruction. Instruction for all students includes a common core of topics aligned with CT Standards for Mathematics.

Science: The middle school science program integrates earth, life and physical science concepts and science investigational skills into a comprehensive whole to prepare students for the Grade 8 CMT. Science curriculum and instruction will be structured to include the three dimensions of the Next Generation Science Standards (NGSS) - Disciplinary Core Ideas (DCIs), Science and Engineering Practices (SEP), and Cross-Cutting Concepts (CCCs) - to meet the personal, academic, and learning needs for students of all abilities.

Social Studies: The focus of study in grades 6 and 7 is on World Regional Studies. Students will explore a total of eight regions employing an inquiry-based approach to their studies. In 7th grade, students will complete a collaborative capstone research and action project focusing on a global problem of their choosing. The focus of study in grade 8 is on U.S. History from the Revolutionary period through westward expansion after the Civil War. As part of their study in Grade 8, students will complete a historical research project. Points of emphasis across the middle school social studies program include building inquiry and research skills and developing argumentative writing skills.

World Language: Students choose Spanish, French or Chinese for their middle school experience. They continue to develop skills in listening, speaking, reading and writing. Emphasis is on verbal communication, comparing and contrasting cultures, connecting with other disciplines and participating in multi-lingual communities. Students learn using authentic materials and with performance assessments to gain new perspectives about the many cultures they experience through class lessons.

Current Practice: Language arts, math, science, social studies and world language are taught daily with curriculum integrated, where possible, to promote conceptual understanding. In all three

FUNCT REGUL	AR INSTRUCTION MIDDLE - U. A./VISUAL ARTS	Actual 2015-2016	Actual 2016-2017	Adopted Budget 2017-2018	Budget 2018-2019	Difference	% Change 2017-2018 to 2018-2019
5112	Teacher Salaries	474,594	510,039	529,127	542,639	13,512	2.55
	Subtotal	474,594	510,039	529,127	542,639	13,512	2.55
5510	Instructional Supplies	24,666	23,368	23,871	23,201	-670	-2.81
5511	Audio/Visual Software				50	50	
5540	Periodicals	10			50	50	
	Subtotal	24,676	23,368	23,871	23,301	-570	-2.39
	Program Total	499,270	533,407	552,998	565,940	12,942	2.34

REGULAR INSTRUCTION

Level:

MIDDLE SCHOOL

Program:

Unified Arts/Visual Arts

Positions	Actual 2015-16	Actual 2016-17	2017-18 Adopted Current		Budget 2018-19
Teachers:					
Visual Arts	7.00	7.00	7.00	7.00	7.00
TOTAL	7.00	7.00	7.00	7.00	7.00

BUDGET NARRATIVE:

Program Description: The Visual Arts Program is anchored by the Discipline Based Art Education Curriculum and supports development of visual literacy and 21st century skills. Students are engaged in art production while also developing the skills and knowledge necessary to understand art in history and culture, to employ art criticism and to make informed aesthetic judgements. The Visual Arts curriculum is aligned with 1994 National and State standards and is in a state of revision using the new National Core Art Standards, which were released in June 2015. After-school Art Clubs are an option for students as well as varied special activities.

Current Practice: Visual Arts educators provide instruction to all students in grades 6 through 8. At King Philip and Sedgwick Middle Schools students have art in two 36 day rotations. At Bristow Middle School students have a double period of art for two 15 day rotations. Students are represented in several townwide art shows as well as an annual schoolwide art show.

FUNCT REGUL	AR INSTRUCTION MIDDLE - U. A./TECH ED/ENG	Actual 2015-2016	Actual 2016-2017	Adopted Budget 2017-2018	Budget 2018-2019	Difference	% Change 2017-2018 to 2018-2019
5112	Teacher Salaries	434,944	446,486	463,646	505.682	42,036	9.07
	Subtotal	434,944	446,486	463,646	505,682	42,036	9.07
5410	Repair/Maintenance of Equipment	6,005	4,811	7,500	7,500	,	0.00
5510	Instructional Supplies	17,368	16,267	16,552	15,982	-570	-3.44
5511	Audio/Visual Software			249	228	-21	-8.43
5540	Periodicals	35		75		-75	-100.00
	Subtotal	23,409	21,078	24,376	23,710	-666	-2.73
	Program Total	458,353	467,563	488,022	529,392	41,370	8.48

REGULAR INSTRUCTION

Level:

MIDDLE SCHOOL

Program:

Unified Arts/Technology and Engineering

Positions	Actual 2015-16	Actual 2016-17	2017-18 Adopted Current		Budget 2018-19
Teachers:					
Technology & Engineering	<u>7.00</u>	7.00	<u>7.00</u>	7.00	<u>7.00</u>
TOTAL	7.00	7.00	7.00	7.00	7.00

BUDGET NARRATIVE:

Program Description: The Technology & Engineering Program focuses on technology, innovation, design and engineering. It equips all students to be technologically literate and provides exploratory and awareness experiences in technology, design and engineering careers as part of the required Unified Arts program in grade 6 trough 8.

Current Practice: Instruction is presented in a lab setting with an emphasis on an activity-based, problem solving approach to the awareness and understanding of technology, its impacts, applications, and career possibilities. Students work both individually and in teams on a variety of computer and software applications including engineering design, fabrication, testing and analysis; tools, machines, manufacturing and robotics; digital photography, video, and design imaging software and other technology. At King Philip and Sedgwick Middle Schools students have Technology & Engineering in two 36 day rotations. At Bristow Middle School students have a double period of Technology & Engineering for two 15 day rotations.

FUNCT REGUL	AR INSTRUCTION MIDDLE - U. A./MUSIC	Actual 2015-2016	Actual 2016-2017	Adopted Budget 2017-2018	Budget 2018-2019	Difference	% Change 2017-2018 to 2018-2019
5112	Teacher Salaries	1,017,956	1,010,987	1,037,765	1,084,467	46,702	4.50
	Subtotal	1,017,956	1,010,987	1,037,765	1,084,467	46,702	4.50
5510	Instructional Supplies	15,508	15,482	15,582	15,169	-413	-2.65
	Subtotal	15,508	15,482	15,582	15,169	-413	-2.65
	Program Total	1,033,465	1,026,468	1,053,347	1,099,636	46,289	4.39

REGULAR INSTRUCTION

Level:

MIDDLE SCHOOL

Program:

Unified Arts/Music

Positions	Actual 2015-16	Actual 2016-17	2017-18 Adopted Current		Budget 2018-19
Teachers:			<u> </u>		2010 12
Music	<u>14.70</u>	<u>14.90</u>	<u>14.90</u>	14.90	<u>14.90</u>
TOTAL	14.70	14.90	14.90	14.90	14.90

BUDGET NARRATIVE:

Program Description: The Music Program focuses on the development of musical skills and attitudes essential in effecting aesthetic knowledge and awareness. These skills are acquired sequentially through a planned program that includes a variety of experiences.

Current Practice: Band, orchestra and choir are scheduled during the school day along with rotational lessons. In grades 6 and 8 at King Philip and Sedgwick, music instruction is provided in two 36-day blocks. Grade 7 at King Philip and Sedgwick receive music instruction in one 36 day block. At Bristow, all students receive two periods of music in a 30-day block.

14.90 In addition, students have the opportunity to participate in a number of select musical ensembles before and after school. The middle school festival provides an opportunity for all 8th graders to perform with the high school directors and high school students. There are extensive opportunities for students to perform in day and evening concerts, solo and ensemble concerts, as well as regional and state festivals and competitions.

FUNCTI REGULA	ON PROGRAM AR INSTRUCTION MIDDLE - U. A./HEALTH/PE	Actual 2015-2016	Actual 2016-2017	Adopted Budget 2017-2018	Budget 2018-2019	Difference	% Change 2017-2018 to 2018-2019
5112	Teacher Salaries	1,170,544	1,200,876	1,241,250	1,303,731	62,482	5.03
	Subtotal	1,170,544	1,200,876	1,241,250	1,303,731	62,482	5.03
5490	Contracted Services		167	916	1,000	84	9.17
5510	Instructional Supplies	7,460	11,556	12,854	11,586	-1,268	-9.87
5540	Periodicals	752	1,048	1,030	790	-240	-23.28
	Subtotal	8,212	12,771	14,800	13,376	-1,424	-9.62
	Program Total	1,178,756	1,213,647	1,256,050	1,317,107	61,057	4.86

REGULAR INSTRUCTION

Level:

MIDDLE SCHOOL

Program:

Unified Arts/Health/Physical Education

Positions	Actual 2015-16	Actual 2016-17	2017-18 Adopted Current		Budget 2018-19
Teachers:					
Health Education Physical Education	5.50 10.97	5.50 10.80	5.50 10.80	5.50 10.80	5.50 10.80
TOTAL	16.47	16.30	16.30	16.30	16.30

BUDGET NARRATIVE:

Program Description:

Health Education: The Health Education Program provides students with structured experiences which facilitate the acquisition of health knowledge, skills and attitudes that will serve as the basis for health enhancing behaviors in their personal lives. The topics include nutrition, mental and emotional health, family life and sex education, disease prevention, HIV/AIDS education, first aid, internet safety and use, bullying and harassment prevention, and substance abuse prevention. The emphasis is on 21st century skills - decision making, goal setting, communicating effectively, accessing information and resources, advocating, and analyzing influences including media and peers.

Physical Education: The Physical Education Program provides opportunities for continued development of motor skills, positive personal and social relationships, awareness of physiological development and appreciation of the aesthetic aspects of movement. The three-year middle school program provides students with opportunities to participate in a variety of cooperative as well as competitive games; to develop creative self-expression and communication through

movement-based activities; to work effectively with all members of the class in large and small group activities; to refine sport skills and game strategies in small game situations; to develop problem-solving skills as they relate to game concepts and strategies; and to evaluate and improve current fitness levels as measured by the Connecticut State Fitness Test.

Current Practice: Certified health and physical education teachers instruct all students. All three middle schools deliver the same curricula in a rotational block schedule of single periods of approximately 40-45 minutes in length. Although the lengths of each rotation may vary from school to school, the total classes allotted for each grade level is consistent. Grade 6 students get 108 days of physical education and 36 days of health education. Students in grade 7 have 108 days of physical education and 72 days of health education. Grade 8 students have 72 days of physical education and 72 days of health education. We also provide physical education classes for students with special needs.

FUNCTI REGULA	ON AR INSTRUCTION	PROGRAM MIDDLE - READING	Actual 2015-2016	Actual 2016-2017	Adopted Budget 2017-2018	Budget 2018-2019	Difference	% Change 2017-2018 to 2018-2019
5112	Teacher Salaries Subtotal		516,665	539,160	560,033	578,609	18,576	3.32
	Program Total		516,665 516,665	539,160 539,160	560,033 560,033	578,609 578,609	18,576 18,576	3.32 3.32

REGULAR INSTRUCTION

Level:

MIDDLE SCHOOL

6.00

Program:

TOTAL

Reading

Positions	Actual 2015-16	Actual 2016-17	2017-18 Adopted Current		Budget 2018-19
Teachers:					
Reading Specialists	<u>6.00</u>	<u>6.00</u>	6.00	<u>6.00</u>	6.00

6.00

6.00

6.00

BUDGET NARRATIVE:

6.00

Program Description: The reading specialists are responsible for administering diagnostic testing for students as needed, interpreting data relative to students' reading achievement, and making recommendations for interventions. The middle school reading specialists provide direct support to students with research-based literacy intervention programs and strategies. Reading specialists provide support to content area teachers with research-based literacy instructional strategies.

Current Practice The reading teachers support the development of reading across grades 6 through 8 in the middle schools. Reading teachers provide direct instruction to students and support teachers with instructional strategy recommendations.

FUNCT REGUL	AR INSTRUCTION MIDDLE-ALTERNATE ED.	Actual 2015-2016	Actual 2016-2017	Adopted Budget 2017-2018	Budget 2018-2019	Difference	% Change 2017-2018 to 2018-2019
<u> </u>			I				
5112	Teacher Salaries	49,591	71,384	72,025		-72,025	-100.00
5185	Teacher Assistants	2,933	6,318	15,834		-15,834	-100.00
	Subtotal	52,523	77,701	87,859		-87,859	-100.00
5510	Instructional Supplies	472	300	687	500	-187	-27.22
	Subtotal	472	300	687	500	-187	-27.22
	Program Total	52,995	78,001	88,546	500	-88,046	-99.44

REGULAR INSTRUCTION

Level:

MIDDLE SCHOOL

Program:

Alternate Education

	Actual	Actual	201	Budget	
Positions	2015-16	2016-17	Adopted	Current	2018-19
Teachers:					
Alternate Program	1.00	1.00	1.00	0.00	0.00
TOTAL	1.00	1.00	1.00	0.00	0.00

BUDGET NARRATIVE:

Program Description: The Alternative Individualized Middle School program (AIMS) is designed to service non-special education students who are similar in behavior and instruction needs to the high school REACH students. There is one teacher at Sedgwick Middle School who instructs up to 13 students. The program focuses on developing academic and social skills within a setting of both self-contained and mainstreamed instruction. The AIMS teacher uses a teaching assistant to support multiple groups and push-in support in mainstreamed classes. A goal of the program is for students to maintain some foothold within their middle school team. The AIMS program has a strong counseling component which is provided by both school staff and outside agencies.

Current Practice: The program at Sedgwick was disbanded in 2017-18. The students and the teacher were returned to the academic program listed on page D-23.

FUNCTION PROGRAM REGULAR INSTRUCTION MIDDLE-LIBRARY MEDIA SERV		Actual 2015-2016	Actual 2016-2017	Adopted Budget 2017-2018	Budget 2018-2019	Difference	% Change 2017-2018 to 2018-2019
L		<u> </u>		<u> </u>			
5113	Librarian Salaries	252,627	260,960	268,909	281,902	12,993	4.83
	Subtotal	252,627	260,960	268,909	281,902	12,993	4.83
5510	Instructional Supplies	3,969	3,873	4,890	5,000	110	2.25
5511	Audio/Visual Software	2,498	544	2,282	3,949	1,667	73.05
5530	Library Books	27,350	31,957	30,990	28,511	-2,479	-8.00
5540	Periodicals	2,534	1,975	2,004	1,525	-479	-23.90
	Subtotal	36,351	38,349	40,166	38,985	-1,181	-2.94
	Program Total	288,978	299,309	309,075	320,887	11,812	3.82

REGULAR INSTRUCTION

Level:

MIDDLE SCHOOL

Program:

Library Media Services

Positions	Actual 2015-16	Actual 2016-17	2017-18 Adopted Current		Budget 2018-19
Teachers:					
Library Media Specialists	3.00	3.00	3.00	3.00	3.00
TOTAL	3.00	3.00	3.00	3.00	3.00

BUDGET NARRATIVE:

Program Description: The middle school Library Media Services Program provides instruction in authentic information problem solving and research strategies for all students as well as guidance in the selection and use of materials.

Each school library media center contains a collection of resources, in a variety of formats, evaluated and selected to support and enhance the curriculum. The library media specialists collaborate with classroom teachers to ensure that appropriate materials are available for students and to integrate the library media curriculum with the classroom curriculum. Library media specialists also address the recreational aspect of reading through book talks, special events and encouraging student participation in the summer reading program.

Current Practice: A full-time library Media Specialist in each of the middle schools provides instruction, guidance and support for students and teachers in the use of library media centers, information resources and instruction technology. Students visit the library media center with classroom teachers by curriculum area (i.e. English, social studies, science, mathematics, art).

FUNCT REGUL	TION AR INSTRUCTION	PROGRAM MIDDLE-ST.ACT/INTRAM	Actual 2015-2016	Actual 2016-2017	Adopted Budget 2017-2018	Budget 2018-2019	Difference	% Change 2017-2018 to 2018-2019
5112	Teacher Salaries		223,661	229,231	197,117	201,060	3,943	2.00
	Subtotal		223,661	229,231	197,117	201,060	3,943	2.00
5591	Supplies and Fees		22,911	17,916	21,191	18,961	-2,230	-10.53
	Subtotal		22,911	17,916	21,191	18,961	-2,230	-10.53
	Program Total		246,572	247,147	218,308	220,021	1,713	0.78

REGULAR INSTRUCTION

Level:

MIDDLE SCHOOL

Program:

Student Activities/Intramurals

BUDGET NARRATIVE:

Program Description: Student activities consist of a variety of before-school and after-school activities for all students. They provide students with opportunities to participate in new areas of interest, to explore technology further, to develop new skills, and to be of service to the school and community. In addition to the Intramural Sports Program, a variety of clubs and activities are available throughout the year. Through the student activities programs, students are also recognized for academic performance, artistic accomplishments and athletic success.