Hull Public Schools

The 21st Century Schools

Providing Hull Students with an Education to Succeed in the 21st Century Workforce

http://en.wikipedia.org/wiki/File:Aerial_View_of_Hull,_Massachusetts.jpg

The Summit:
21st Century Schools
High Expectations, High Achievement

2005-2006: AT THE TREE LINE

2009-2010: AT THE TRAILHEAD

LESS THAN LEVEL SERVICE FUNDING: IN THE VALLEY

What Skills Do Employers Want to See in New Hires?

1. Communication skills
2. Strong work ethic
3. Teamwork skills (works well with others)
4. Initiative
5. Analytical skills
6. Computer skills
7. Flexibility/adaptability
8. Interpersonal skills (relates well to others)
9. Problem-solving skills
10. Technical skills

*www.collegegrad.com/press/**whatemployerswant**.shtml*

21st Century Job Skills

What Our Children Will Need to Do in Order to Compete

- Think creatively
- Work creatively with others
- Implement Innovations
- Reason effectively
- Use systems thinking
- Make judgments and decisions
- Solve problems
- Communicate clearly
- Collaborate with others
- Access and evaluate information
- Use and manage information
- Analyze media
- Create media products
- Apply technology effectively
- Adapt to change
- Be flexible
- Manage goals and time
- Work independently
- Be self-directed learners
- Interact effectively with others
- Work effectively in diverse teams
- Manage products
- Produce results
- Guide and lead others
- Be responsible to others

What courses do Hull students need to take in high school in order to be competitive in the college application process?

University of Massachusetts Admissions Recommendations

- "You will also need to meet certain high school unit requirements (remember, these are minimums): ***Four years of English, three years of college preparatory mathematics (Algebra II is a minimum requirement), two years of the same foreign language, three years of science (including two with a laboratory component), two years of social science including one course in U.S. History, and two electives from the above areas, arts and humanities, or computer science."***

http://www.umass.edu/admissions/

Ivy League Universities Admissions Recommendations

- Harvard:
  - "There is no single academic path we expect all students to follow, but the strongest applicants take the most rigorous secondary school curricula available to them. An ideal four-year preparatory program includes ***four years of English, with extensive practice in writing; four years of math; four years of science: biology, chemistry, physics, and an advanced course in one of these subjects; three years of history, including American and European history; and four years of one foreign language. "***

http://www.admissions.college.harvard.edu/index.html

Hull High School Graduation Requirements*

- English 4 full year courses
- Mathematics 4 full year courses
  - including Algebra I and II, and Geometry
- Science 4 full year courses
  - including Physical Science, Biology, and Chemistry
- Social Studies 3 full year courses
  - World History II, and U.S. History I and II
- Physical Education 4 years of physical education

*These are the minimum required to graduate

Hull Public Schools
District Goals and Objectives

Goal 1

Support the implementation of high quality, research based curriculum and instruction for all Hull students.

What programs and curriculum do we need to offer so that Hull students are:

- competitive in the college application process?
- competitive in the employment marketplace?
- able to succeed in the 21st century workforce?

Curriculum - District

- Review of curricula area each year K-12 on a rotating basis to determine necessary revisions to the curriculum
  - English
  - Mathematics
  - Science
  - Social Studies
  - Foreign Language
  - Unified Arts
    - Fine arts
    - Performing arts
    - Industrial arts / technology

Curriculum - District

- All textbooks online
- Extended day program
  - For students not making effective progress as measured by MCAS, TerraNova, and report card grades
  - For students interested in enrichment activities

Curriculum - District Time on Learning

- 990 hours of instructional time per year per school
- Extend the school day by 30 minutes to provide more instructional time

HIGH SCHOOL	START TIME	END TIME	LENGTH OF DAY
Pembroke	725	143	6:18
East Bridgewater	730	150	6:20
Scituate	718	151	6:23
Hull	***725***	***150***	***6:25***
Medfield	740	207	6:27
Cohasset	730	200	6:30
Duxbury	815	245	6:30
Mashpee	730	200	6:30
Manchester-Essex	745	215	6:30
Hingham	800	232	6:32
Marshfield	715	147	6:32
Abington	725	157	6:32
Rockland	730	205	6:35
Harwich	725	200	6:35
Dover-Sherbourne	740	215	6:35
Carver	725	205	6:40
Hanover	725	206	6:41
Concord-Carlilse	730	211	6:41
Norwell	725	212	6:47
Lincoln-Sudbury	750	239	6:49
Wellesley	730	230	7:00
Weston	730	250	7:20

Curriculum – English
21st Century High School

4-year graduation requirement

- Grade 9:
  - English 9 (H or CP)
- Grade 10:
  - English 10 (H or CP)
- Grade 11:
  - English 11 (H or CP)
  - AP English Language / Composition
- Grade 12:
  - English 12 (H or CP)
  - AP English Literature
  - Quincy College Composition (I & II)
  - Shakespeare (H or CP)
  - Foundations of English (CP)
  - Speech and Communication (CP)

H = Honors
CP = College Prep
AP = Advanced Placement

Curriculum – Mathematics
21st Century High School

4-year graduation requirement

- Grade 9:
  - Geometry (H or CP)
  - Algebra I (CP)
- Grade 10:
  - Algebra II (H or CP)
  - Geometry (CP)
- Grade 11:
- Trigonometry (H or CP)
- Algebra II (CP)
- Grade 12:
  - Pre-Calculus (CP)
  - Calculus (H)
  - Quincy College Calculus I & II
  - AP Calculus
  - Math Topics (CP)
  - Statistics (CP)

* 75% of students complete a calculus course while at HHS

Curriculum – Science
21st Century High School

4-year graduation requirement

- Grade 9:
  - Introduction to Physics (H or CP)
- Grade 10:
  - Biology w/ lab (H or CP)
- Grade 11:
  - Chemistry w/ lab (H or CP)
- Grade 12:
  - Physics (H or CP)
  - AP Environmental Science
  - Quincy College Biology I & II
  - Marine Science (CP)
  - Science Electives (H or CP)

Curriculum – Social Studies
21st Century High School

4-year graduation requirement

- Grade 9:
  - World History II (H or CP)
- Grade 10:
  - US History I (H or CP)
  - AP US History (Part I)
- Grade 11:
  - US History II (H or CP)
  - AP US History (Part II)
- Grade 12:
  - Political Science / Economics (H or CP) *REQUIRED*
  - Psychology / Sociology (H or CP)
  - World Politics (CP)
  - AP American Government
  - Criminal / Civil Law

Curriculum – Foreign Language
21st Century High School

2-year graduation requirement

- Spanish
  - Level I
  - Level II
  - Level III
  - Level IV
  - Level V / AP
  - Spanish Culture
- French and/or Mandarin Chinese
  - Level I
  - Level II
  - Level III
  - Level IV
  - Level V / AP

Curriculum – Unified Arts
21st Century High School

2-year graduation requirement

- Art
  - Ceramics
  - Drawing / Painting I
  - Drawing / Painting II
  - Drawing / Painting III
  - AP Studio Art
  - Digital Photography
  - Computer Animation
- Music
  - Band
  - Chorus
  - Piano
  - Guitar
  - Jazz Ensemble
  - Music Theory
  - AP Music Theory

Curriculum – Technology
21st Century High School

1-year graduation requirement

- Building Construction
- Technology Education
- Computer Design / Repair
- Robotics
- Pre-Engineering
- Computer Programming
- Other Electives
  - open to reflect advancing technology

Curriculum – Physical Education / Wellness
21st Century High School

4-semester graduation requirement

- Wellness
- Strength Training
- Fitness and Conditioning
- QC Fitness
- Other Electives

Curriculum – Internship / Community Service 21st Century High School

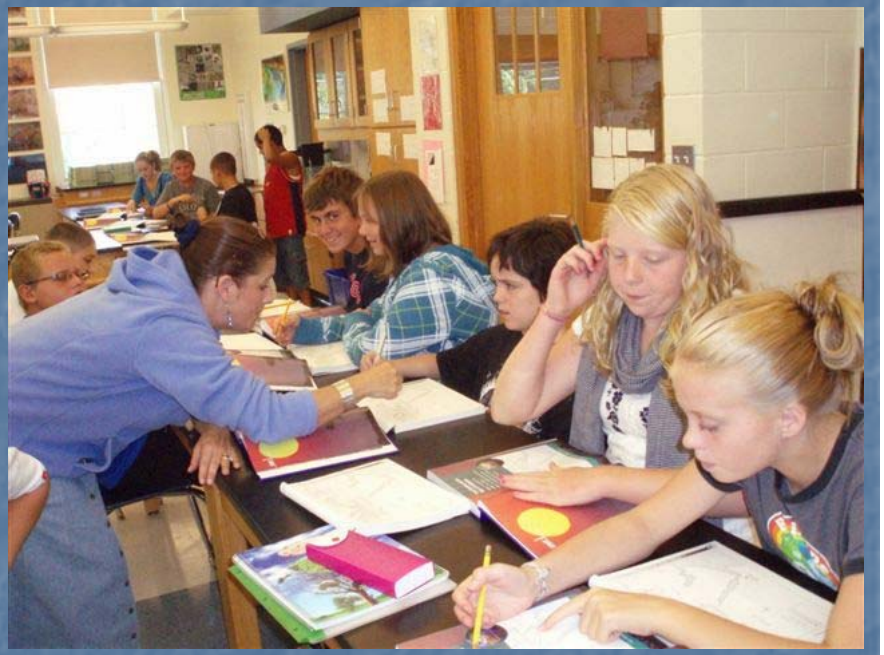
- Seniors may complete an internship during the 4th term of their senior year
- Students enrolled in AP classes during their senior year could complete internship during summer before junior or senior year

Curriculum-
Grade 8
21st Century Middle School

- English / Language Arts
- Mathematics – Pre-Algebra and Algebra
- Physical Science
- World History I
- Foreign Language
- Reading / Writing Strategies
- Guidance / Library
- Physical Education
- Health
- Art
- Music / Band / Chorus
- Technology

Curriculum-
Grade 7
21st Century Middle School

- English / Language Arts
- Mathematics
- Life Science
- Ancient Civilization
- Foreign Language
- Reading / Writing Strategies
- Guidance / Library
- Physical Education
- Health
- Art
- Music / Band / Chorus
- Technology



Curriculum-
Grade 6
21st Century Middle School

- English / Language Arts
- Mathematics
- Earth Science
- Geography
- Foreign Language
- Reading / Writing Strategies
- Guidance / Library
- Physical Education
- Health
- Art
- Music / Band / Chorus
- Technology

Curriculum – Daily Schedule
21st Century Elementary School

- English / Language Arts 120 minute literacy block K-2
- English / Language Arts 90 minute literacy block 3-5
- 30 minute writing block K-5
- 30 minute foreign language block 3-5
- 60 minute social studies/social awareness block (2-3 times per week)
- 60 minute science block (2-3 times per week)
- 60 minute mathematics block
- 45 minute specialist block (i.e. music, art, science, physical education, technology)
- 45 minute lunch/recess block
- 30 minutes remediation or enrichment (Gifted and Talented Program)
- Time allocated for attendance, Pledge of Allegiance, announcements, snack, and transitions

Co-Curricular / Enrichment Activities – 21st Century High School

- 1 late-bus
- Athletics program
  - see staffing for teams
- Drama program
- After-school activities program
  - see staffing for advisors
- After-school MCAS remediation / enrichment classes
- 15 Saturday school sessions

Co-Curricular / Enrichment Activities 21st Century Middle School

- 2 late-buses
- After-school enrichment and remediation courses
  - Academic support
  - Intramurals
  - Art
  - Music
  - Library/Computer access
  - Robotics
  - Clubs
  - Student Council
  - Yearbook
- Parent workshops

Co-Curricular / Enrichment Activities - 21st Century Elementary School

- Late-buses
- Before and after-school enrichment and remediation courses
  - On-site tutoring
  - On-site challenge courses - robotics, debate
  - Open gym
  - JASPER
- Parent workshops

Summer Enrichment – 21st Century High School

- English, mathematics, science, and social studies remediation / credit recovery programs
- Enrichment programs
  - Wellness / Fitness
  - Building construction
  - Other
- Supervised internships

Summer Enrichment - 21st Century Middle School

- Academic program (6 weeks)
- Enrichment program (6 weeks)

Summer Enrichment - 21st Century Elementary School

- English and math support programs
- Summer School enrichment programs

Hull Public Schools
District Goals and Objectives

Goal 2

Provide all Hull students with access to up-to-date school buildings and up-to-date instructional resources that address a diverse range of academic, career, and life options

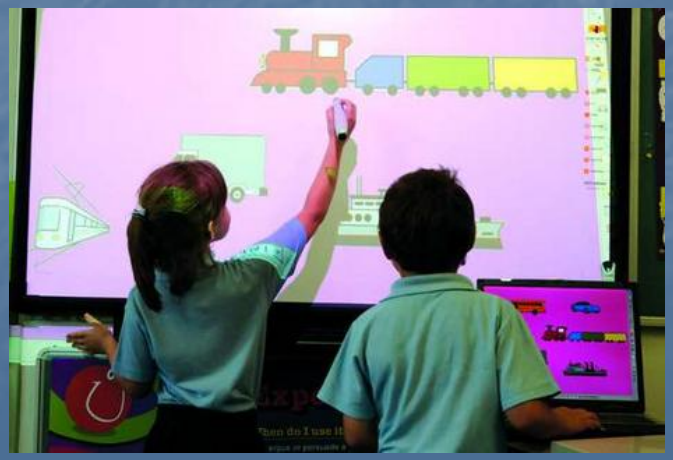
What are the resources Hull students need to support the curriculum of the 21st Century Schools?

Curriculum – District Professional Development

- 9 early-release days for professional development
- 4 full days of professional development

Instructional Technology - District

- Promethean Boards in all classrooms
- Laptops available for all staff to use with Promethean Boards
- On-line textbooks
- On-line library catalogues
- On-line programs of study (Study Island, math and English support and keyboarding practice)



Support Technology - District

- Web based SIMS (Student Information Management System)
  - Parent portal
  - Student data
  - Attendance
  - Discipline
  - Scheduling
  - IEPs/504s
  - Report cards
  - Grade books
- ConnectEd
- First Class
- Fundware
- Virtual Town Hall

Grounds/Facilities – District

- Alarms on all exterior doors
- Wireless access throughout buildings
- Age-appropriate outside areas
  - Play structures
  - Fields

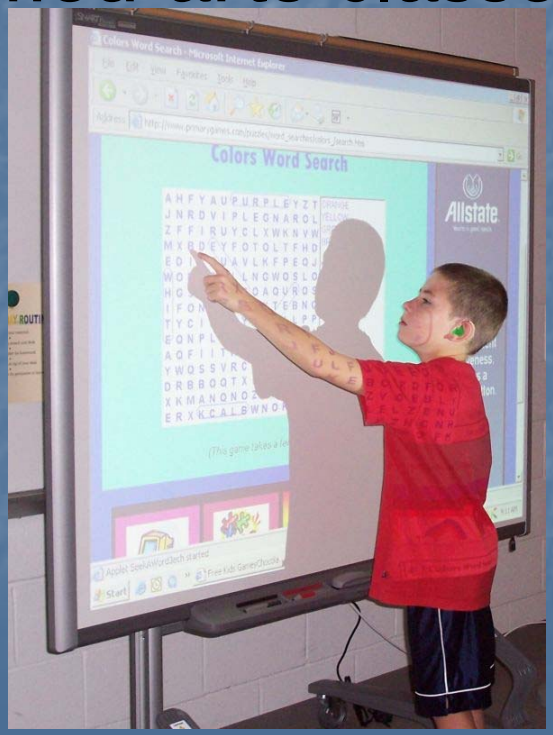
What is the necessary staffing to ensure that the curriculum of the 21st Century Schools is properly implemented?

Appropriate Class Sizes – 21st Century High School

- Class sizes:
  - Honors (H) ELA, mathematics, science, social studies, foreign language – no more than 24 students
    - Classrooms designed for 24 students maximum
  - College Prep (CP) ELA, mathematics, science, social studies, foreign language – no more than 20 students
  - Art, music,technology – no more than 20 students
    - Equipment, space and safety limitations
  - Physical Education / Wellness – no more than 28 students
    - Equipment, space and safety limitations

Appropriate Class Sizes– 21st Century Middle School

- No more than 22 students in all content area and unified arts classes



Appropriate Class Sizes– 21st Century Elementary School

- Preschool – no more than 15 students
- Kindergarten – Grade 3 - no more than 20 students
- Grade 4 - 5 no more than 22 students

Proper Staffing – Content Area Classroom Teachers Hull High School

- 6 FT English teachers
- 5 FT Mathematics teachers
- 6 FT Science teachers
- 5 FT Social Studies teachers
- 4 FT Foreign Language teachers

Proper Staffing – Content Area Classroom Teachers Memorial Middle School

- 4 FT English/Writing teachers
- 4 FT Mathematics teachers
- 3 FT Social Studies teachers
- 3 FT Science teachers
- 2 FT Reading teachers
- 2 FT Foreign Language teachers

Proper Staffing – Classroom Teachers Jacobs Elementary School

- 3 FT Preschool
- 4 FT Kindergarten
- 4 FT Grade 1
- 5 FT Grade 2
- 5 FT Grade 3
- 5 FT Grade 4
- 4 FT Grade 5

Proper Staffing – Content Specialists Jacobs Elementary School

- 1 FT Literacy coach
- 4 FT Reading teachers
- 1 FT Math coach
- 2 FT Math teachers
- 1 FT Science Lab teacher
- 1 FT Foreign Language teacher

Proper Staffing – Unified Arts Hull High School

- 3 FT Physical Education / Wellness teachers
- 2 FT Music teachers
- 2 FT Art teachers
- 1 FT & 1 PT Technology / Industrial Arts teacher
- 1 FT Librarian

Proper Staffing – Unified Arts Memorial Middle School

- 1 FT Health teacher
- 1 FT Music teacher
- 1 FT Art teacher
- 1 FT Technology teacher
- 1 FT Librarian
- 1 FT Physical Education teacher

Proper Staffing – Unified Arts Jacobs Elementary School

- 1 FT Physical Education teacher
- 1 FT Art teacher
- 1 FT Librarian
- 1 FT Music / Band teacher
- 1 FT Technology teacher

Proper Staffing – Student Services Hull High School

- 2 FT Guidance counselors
- 1 FT School psychologist
- 1 FT Adjustment counselor
- 1 FT Nurse
- 5 FT Special Education teachers
  - 1 FT TIDES
  - 1 FT LEAF
  - 3 FT Co-teaching / Inclusion

Proper Staffing – Student Services Memorial Middle School

- 1 FT Adjustment counselor
- 1 FT Guidance counselor / social worker
- 1 FT School psychologist
- 1 FT Nurse
- 4 FT Special Education teachers
  - 2 FT Co-teaching / Inclusion
  - 1 FT LEAF Program
  - 1 FT Board Certified Behavior Analyst
- 1 FT RtI tutor
- 1 PT Speech / Language pathologist
- 1 PT Physical therapist
- 1 PT Occupational therapist

Proper Staffing – Student Services Jacobs Elementary School

- 1 FT Adjustment counselor
- 1 FT School psychologist
- 1 PT Health teacher
- 8 FT Special Education teachers
  - 6 FT Co-teaching / Inclusion
  - 2 FT LEAF teachers
- 1 PT Physical therapist
- 1 FT Occupational therapist
- 1 PT Occupational therapist
- 1 FT Speech / Language pathologist
- 1 FT Speech / Language assistant
- 2 FT RtI tutors
- 1 FT Nurse
- 1 PT Nurse assistant

Proper Staffing – Paraprofessionals Hull High School

- 5 FT Paraprofessionals
  - 1 FT TIDES
  - 1 FT LEAF
  - 3 FT Resource / Inclusion

Proper Staffing – Paraprofessionals Memorial Middle School

- 5 FT Paraprofessionals
  - 3 FT Resource / Inclusion
  - 2 FT LEAF

Proper Staffing – Paraprofessionals Jacobs Elementary School

- 15 FT Paraprofessionals
  - 5 FT LEAF
  - 4 FT 1 FT paraprofessional per kindergarten class
  - 2 FT Resource / Inclusion
  - 4 FT Preschool

Proper Staffing – School-based Administration

- Hull High School
  - 1 FT Principal
  - 1 FT Assistant Principal
  - 1 FT Athletic Director / Community Outreach Coordinator
- Memorial Middle School
  - 1 FT Principal
  - 1 FT Dean / Instructional Specialist
- Jacobs Elementary School
  - 1 FT Principal
  - 1 FT Assistant Principal

Proper Staffing – School-based Support Staff

- Hull High School
  - 1 FT Administrative Assistant
  - 1 PT Front Office Support Staff
  - 1 FT Guidance Secretary
  - 1 PT Technology Support / Integration Staff
- Memorial Middle School
  - 1 FT Administrative Assistant
  - 1 PT Technology Support / Integration Staff
- Jacobs Elementary School
  - 1 FT Administrative Assistant
  - 1 FT Office Support Staff
  - 1 PT Technology Support / Integration Staff

Proper Staffing – Co-curricular Activities
Hull High School

- Coaches:
  - 4 Football (V & JV)
  - 4 Soccer (V & JV – B & G)
  - 1 Cross Country
  - 2 Field Hockey (V & JV)
  - 1 Fall Cheerleading
  - 6 Basketball (V & JV & FR – B & G)
  - 1 Winter Cheerleading
  - 2 Hockey (V only)
  - 1 Wrestling (V only)
  - 2 Softball (V & JV)
  - 2 Baseball (V & JV)
  - 2 Track (V only – B & G)
  - 4 Lacrosse (V and JV – B & G)
- Advisors:
  - 1 National Honor Society
  - 3 Theater Arts
  - 2 Student Council
  - 4 Class Advisors
  - 2 Robotics
  - 1 Yearbook
  - 1 Newspaper
  - 1 DECA
  - 1 Forensics
  - Student Activity Accounts

Proper Staffing - District Wide Staff

- 1 FT Superintendent
  - 1 FT Secretary
- 1 FT Assistant Superintendent for Curriculum and Instruction
- 1 FT Director of Student Services
  - 1 FT Secretary
- 1 FT Business Manager
  - 1 FT Bookkeeper
  - 2 FT Payroll / Human Resources / Business Manager Secretary / Grants & Finance Manager
- 1 FT District Technology and SIMS Manager
  - 2 FT IT Support Assistants

Proper Staffing – School-based Teacher Leaders

- 1 FT Data analyzer / curriculum specialist
- 6 PT Lead Teachers (grades Preschool – 5)
- 3 PT Lead Teachers (grades 6-8)
- 6 PT Curriculum Coordinators (grades 6-12)
  - English
  - Mathematics
  - Science
  - Social Studies
  - Foreign Language
  - Unified Arts / Physical Education / Wellness

Proper Staffing – Building Maintenance and Repair

- District
  - 1 FT Facilities Manager
  - 1 FT Maintenance Supervisor
- Hull High School
  - 4 FT Custodians
- Memorial Middle School
  - 3 FT Custodians
- Jacobs Elementary School
  - 4 FT Custodians

Community support is needed to provide Hull students with an education to succeed in the 21st Century workforce.

- Board of Selectmen
- Advisory Committee
- Town Meeting
- Town Election Ballot
- School Personnel

GREAT TOWN
HULL PRIDE
GREAT SCHOOLS
http://en.wikipedia.org/wiki/File:Aerial_View_of_Hull,_Massachusetts.jpg

Hull Public Schools
21st Century Schools

Moving Forward

Phase 1 - FY11

District Summary

- K-12 Increase in Classroom Teachers
- K-12 Technology Education Courses
  - JES – weekly
  - MMS – weekly
  - HHS – daily
- Preschool – Grade 12 Increased Classroom Technology and Professional Development
  - JES – 4 Promethean Boards
  - MMS – 5 Promethean Boards
  - HHS – 10 Promethean Boards
- K-12 Partially-funded Co-curricular Activities
- K-12 School-day Academic Tutoring with MCAS Support
- K-12 Increased Student Support Services
  - Adjustment Counselors
  - School Psychologists
  - Special Education Teachers
- K-12 After-school Academic Support and Enrichment Programs
- K-12 Increase Technology Support
- Grades 6-12 Curriculum Coordination
- Grades 7-12 Foreign Language
- K-8 Math and Reading Specialists
- K-8 Math and Reading Coaches
- No changes in paraprofessional or custodial staff

Hull High School
Proposed Staffing Changes

FY11 Staffing (Proposed)	FY10 (Current) Staffing
5 English Teachers	5 English Teachers
5 Math Teachers	4 Math Teachers
5 Social Studies Teachers	4 Social Studies Teachers
5 Science Teachers	5 Science Teachers
3 Foreign Langauge Teachers	3 Foreign Langauge Teachers
1.6 Art Teacher	1 Art Teacher
1.4 Music Teacher	1 Music Teacher
5 Special Education Teachers / Board Certified Behavior Analyst	4 Special Education Teachers
2.8 Physical Education Teachers	2.8 Physical Education Teachers
1 Adjustment Counselor	.6 Adjustment Counselor
1 School Psychologist	.6 School Psychologist
2 Technology Teachers	0 Technology Teachers
Proposed Additions	
1 Math Teacher	
1 Social Studies Teacher	
1 Special Education Teacher / Board Certified Behavior Analyst	
.6 Art Teacher	
.4 Music Teacher	
.4 School Psychologist	
.4 Adjustment Counselor	
2 Technology Teachers	

Memorial Middle School
Proposed Staffing Changes for FY 11

FY11 Staffing (Proposed)	FY10 (Current) Staffing
4 English Teachers	3 English Teachers
3 Science Teachers	3 Science Teachers
4 Math Teachers	4 Math Teachers
2 Foreign Language Teachers	No Foreign Language Teachers
2 Reading Teachers	1 Reading Teacher
4 Special Education Teachers / Behavioral Analyst	3 Special Education Teachers
.6 Health Teacher	.6 Health Teacher
1 Technology Teacher	1 Technology Teacher
.6 Art Teacher	.6 Art Teacher
.6 Music Teacher	.6 Music Teacher
.6 Physical Education	.6 Physical Education
1.0 Librarian / Media Teacher	No Librarian/ Media Teacher
1.0 Adjustment Counselor	.6 Adjustment Counselor
1.0 School Psychologist	.8 School Psychologist
1.0 Dean/Instructional Specialist	No Dean/Instructional Specialist
.3 Math Coach	No Math Coach
Proposed Additions	
1 English Teacher	
1 Reading Teacher	
2 Foreign Language Teachers	
.4 Adjustment Counselor	
.2 School Psychologist	
1.0 Librarian	
1.0 Dean/Instructional Specialist	
1.0 Special Education Teacher/Behavioral Analyst	
.3 Math Coach	

Note: Why are Social Studies teachers not being proposed in the first year?

To ensure that the Memorial Middle School will not be placed on the DESE list of underperforming schools and all students demonstrate stronger mastery of basic reading, writing and mathematical skills before they enter high school, increasing class time in English, reading and mathematics classes needs to be provided each year. In addition to maintaining the middle school library, the librarian will be responsible for providing all staff and students research supports and lessons through various content areas/unified arts classes.

Jacobs Elementary School
Proposed Staffing Changes for FY 11

FY11 Staffing (Proposed)	FY10 (Current) Staffing
27 K-5 Classroom Teachers	22 K-5 Classroom Teachers
1 Adjustment Counselor	.4 Adjustment Counselor
3.6 Reading Teacher	2.6 Reading Teachers
1 Technology Teacher	.7 Technology Teacher
1 Science Teacher	No Science Teacher
.7 Math Coach	No Math Coach
1 Math Teacher	No Math Teacher
1 Art Teacher	1 Art Teacher
1 Music Teacher	1 Music Teacher
1 Physical Education Teacher	1 Physical Education Teacher
6 Special Education Teachers	6 Special Education Teachers
3 Integrated Preschool Teachers	3 Integrated Preschool Teachers
.5 Technology Applications Support	No Technology Applications Support
Proposed Additions	
5 K - 5 Classroom Teachers	
1 Reading Teacher	
1 Science Teacher	
.6 Adjustment Counselor	
.3 Technology Teacher	
.7 Math Coach	
1 Math Teacher	
.5 Technology Applications Support	

Hull High School
Class Implications
under FY 11 Budget Proposal

Additional Courses Offered

AP Calculus

AP Physics

AP American Government

AP Studio Art

AP Music Theory

Technology

Computer Programming

Building Construction

Pre-engineering

Digital Photography

Service Learning / Leadership

Reduction in Class Sizes

Math

Social Studies

Art

Physical Education

Memorial Middle School Average Class Size Projections under FY 11 Budget Proposal

Grade Level	FY10	FY10 Average Class Size	FY11	FY11 Average Class Size
6th	97 students / 4.0 staff (Math, ELA, Science, SS, Reading)	24.25	94 students / 4.0 staff (Math, ELA, Science, SS, Reading)	23.5
7th	92 students / 3.0 staff (ELA, Science, SS)	30.6	97 students/5.0 staff (Math, ELA, Science, SS, Writing, Foreign Language)	19.4
	92 students/5.0 sections (Math)	18.4		
8th	86 students / 3.0 staff (ELA, Science, SS)	28.6	92 students/5.0 staff (Math(2), ELA, Science, SS, Foreign Language)	18.4
	86 students / 5.0 sections (Math)	17.2		
TOTAL	275 students / 11.0 teachers	25	283 students/14.0 teachers	20.2

Jacobs Elementary School Average Class Size Projections under FY 11 Budget Proposal

Grade Level	FY10 Students/Teachers	FY10 Ave. Class Size	FY11 Students/Teachers	FY11 Ave. Class Size
Kindergarten	68/ 3	23	70*/ 4	18
Grade One	82/ 4	21	68/ 4	17
Grade Two	95/ 4	24	82/ 5	16
Grade Three	96/ 4	24	95/ 5	19
Grade Four	71/ 3	24	96/ 5	19
Grade Five	94 / 4	24	71/ 4	18
Totals	506/22	24	482/ 27	18

*Estimated

Note: Totals do not include 54 integrated preschool students. As mandated by the Department of Elementary and Secondary Education the class ratio in Preschool is 15 students with one teacher and para-professional. These numbers will remain unchanged in FY 11 professional support

Hull High School
Proposed Program / Resource Changes

FY11 (Proposed)	FY10 (Current)
75% Funded Athletic program	Unfunded Athletic program
75% Funded Drama program	Unfunded Drama program
75% Funded Co-curricular program	Unfunded Co-curricular program
Late Buses	No Late Buses
Technology Integration and Training	No Technology Integration and Training
12 Promethean Boards	2 Promethean Boards
School Day Academic Tutoring / MCAS Support	No School Day Academic Tutoring / MCAS Support
Restoration of Technology Classes	No Technology Classes
Grades 6-12 School-based Curricular Coordination	No School-based Curricular Coordination
4-year Social Studies Graduation Requirement	3-year Social Studies Graduation Requirement

Athletic Funding Implications

FY 11 Total Budget	$285,627
Proposed School Department Funding	($182,513)
FY 11 Fee Collection Forecast	($52,500)
FY 11 Gate Receipt Forecast	($22,000)
TOTAL UNFUNDED NEED	**$28,614**

Memorial Middle School
Proposed Program / Resource Changes

FY11 (Proposed)	FY10 (Current)
School Day Academic Tutoring / MCAS Support	No School Day Academic Tutoring / MCAS
Late buses	No Late Buses
After School Enrichment and Remediation	No After School Enrichment and Remediation
7 Promethean Boards	2 Promethean Boards

Jacobs Elementary School Proposed Program / Resource Changes for FY 11

FY11 (Proposed)	FY10 (Current)
7 Promethean Boards/Laptops	3 Promethean Boards
After School Academic Support and Enrichment	No School Funded After-school programs
Late Buses	No Late Buses
School Day Academic Tutoring / MCAS Support	No School Day Academic Tutoring / MCAS Support
Weekly Science Lab Class	No Weekly Science Lab Class
Math Support	No Math Support

School Department Budget FY01 through FY10

FISCAL YEAR	TOWN APPROPRIATED SCHOOL BUDGET	INCREASE / DECREASE	% OF INCREASE/ DECREASE
FY01	$10,220,776		
FY02	$10,820,776	$600,000	5.9%
FY03	$11,420,776	$600,000	5.5%
FY04	$11,736,601	$315,825	2.8%
FY05	$12,204,347	$467,746	4.0%
FY06	$12,647,251	$442,904	3.6%
FY07	$13,105,919	$458,668	3.6%
FY08 *	$13,105,919	$0	0.0%
FY09	$12,770,000	-$335,919	-2.6%
FY10	$11,876,872	-$893,128	-7.0%
** $50,000 Since FY08, the schools have eliminated 40 positions.*			

Supplemental Information

- School budget peaked in FY07 at $13,105,919
- When US Department of Labor Consumer Price Index (CPI) Inflation Calculator, which represents the changes in prices of all goods and services, is applied to the FY07 budget of $13,105,919, the FY10 school budget should have been $14,063,509
- Using the CPI, the FY10 budget is currently short $2,186,637 when comparing FY07 to FY10
- The current budget is approximately the same as it was 6 years ago (FY04)

21st Century Schools Committee Members

Parents, Teachers, Elected Officials, School Leadership Team, Community Members

- Jennifer Ashley
- Kathy Carroll
- Barbara Cross
- Michael Devine
- Ann Marie Dunn
- Mary Dunphy
- Kristen Evans
- Lynda Feeney
- Mark Galligan
- Marianne Harte
- Chris Kearns
- Dick Kenney
- Judy Kuehn
- Michelle Lanner
- John Lidington
- Steve Manousos
- Jim O'Brien
- Chris Oliveri
- Lori Perry
- Michelle Proude
- John Schmid
- Donna Tobin
- Joy Turpie
- David Twombly
- Greg Whelan

GREAT TOWN
HULL PRIDE
GREAT SCHOOLS
http://en.wikipedia.org/wiki/File:Aerial_View_of_Hull,_Massachusetts.jpg