

CUTLER ARTS & HUMANITIES

MAGNET MIDDLE SCHOOL

NEWSLETTER

December 2019

CUTLER ARTS & HUMANITIES MAGNET MIDDLE SCHOOL MISSION STATEMENT

At Cutler Arts & Humanities Magnet Middle School, we use the ARTS and HUMANITIES to engage students in inquiry based learning. Our students are active and responsible citizens who create, perform, respond, and connect in our global society.

From the Principal's Desk

Dear Cutler Families,

The calendar year is quickly slipping away. We continue to be very busy at Cutler with daily learning activities and after school programs and events. We encourage you to be involved in any way that you are able, from attending a concert (Band on Dec. 5, Jazz Band at Mystic Aquarium on Dec. 6), a PTO meeting (Jan. 14) or a basketball game, we would love to see you. Speaking of basketball games, please note that students wishing to be spectators must have a signed permission slip turned in to the office on the morning of the game. This permission slip is available on our website for your convenience.

On behalf of all of us here at CAHMMS, we wish you a healthy and happy holiday season.

Sincerely,

Peter Bass

Principal

2019-2020 CAHMMS Yearbooks are on Sale!

Last chance for a great deal!!!! What a bargain!!!!

Purchase the **LAST CAHMMS YEARBOOK for only \$20 by December 31st.**

You can purchase it after that date, however, it will be \$25. Do it now! Reserve your copy!
There might not be extras at the end of the year. We are ordering only what has been purchased!
Don't miss out!

Go to the Cutler Art and Humanities Middle Magnet School website main page
(<https://www.grotonschools.org/cutler>) for information about ordering this great book of memories.

December Early Dismissals /No School

Tuesday, December 10, 2019 - Early Dismissal at 12:32 p.m: TLI

Friday, December 20, 2019 - Early Dismissal at 12:32 p.m: Holiday Break

NO SCHOOL - Monday, December 23, 2019 - Wednesday, January 1, 2020: Holiday Break

TLI EARLY RELEASE DAYS

There are 4 remaining early dismissal days this year for the Teaching and Learning Initiative (TLI) for staff.

The TLI early dismissal days are:

Tuesday, December 10, 2019

Tuesday, February 11, 2020

Tuesday, January 14, 2020

Tuesday, May 12, 2020

All students will be dismissed at 12:32 p.m. Lunch will be served on these early dismissal days.

PARENT TEACHER CONFERENCE EARLY DISMISSAL DAY

Friday, April 3, 2020 (conferences held the evening of April 2)

All students will be dismissed at 12:32 p.m. Lunch will be served on this early dismissal day.

International Baccalaureate Middle Years Programme (IB MYP)

For the past two years, Cutler and West Side have been candidate schools for the IB Middle Years Programme. On December 5 and 6, 2019, our IB MYP consultant will be visiting Cutler to observe classes, talk to teachers, parents and administrators and peruse a large amount of documentation that the teachers and coordinators have created. The purpose of this visit is to advise us prior to applying for authorization to become an official IB MYP school. For those of you still learning about IB, here is their mission statement.

“The International Baccalaureate aims to develop inquiring, knowledgeable and caring young people who help to create a better and more peaceful world through intercultural understanding and respect”.

“The Middle Years Programme is a challenging framework that encourages students to make practical connections between their studies and the real world, the MYP is inclusive by design; students of all interests and academic abilities can benefit from their participation”.

The consultants will create a report letting us know what we need to do before applying for authorization on April 2020. If Cutler and West Side are authorized, Groton will be only the second school in the state to offer both the Middle Years Programme and the Diploma Programme.

To learn more, visit ibo.org.

Kathy Wilson, MYP Coordinator – kwilson@groton.k12.ct.us

Extracurricular Activity Eligibility

In accordance with the middle school philosophy, extracurricular activities are offered and encouraged. Various sports and activities are available. We recognize the importance of both academic success and participation in extracurricular activities. Students must maintain passing grades in all subjects to be eligible to participate in these extracurricular activities. Therefore, if a student is failing one or more classes at the end of a grade reporting period the student and parent would be notified and would have two weeks from the date of notification to show substantial growth in the subject(s) in which the student failed or be removed from all extra-curricular activities.

Student Spectators

Student spectators must have a permission slip for each basketball game. Please see the link on our website to print a permission slip. Signed slips should be dropped off at the office in the morning on the day of the game as students enter the school.

Attendance Policy

Connecticut state law holds parents or guardians responsible for their student(s) attending school regularly during the hours and terms school is in session. It has been well demonstrated that regular attendance is a key factor in success in school. Parents are requested to call the office by 9:00 a.m. if their child will be absent from school that day. If we do not receive a call from you, you will receive a call from School Messenger requesting confirmation of your child's absence. Each absence will be recorded as either excused or unexcused. The school will make this determination on the day of the absence or the day the student returns to school. An excused absence will be recorded when the school receives a phone call **and a note from the parent**. Excused absences shall include illness, death in the family, religious holidays and other legitimate reasons as specifically approved by the principal. An unexcused absence will be recorded when a communication from the parent is not received before, during or immediately after an absence. The parent is responsible for notifying the school of all absences. Please refer to the Middle School Handbook for a detailed description of the truancy policy. The handbook may be found at <https://www.grotonschools.org/parent-and-students/student-handbooks>. ***Please be aware that a phone call cannot excuse a student's absence. A note must be forwarded to the school's secretary upon return to school in order for an absence to be considered excused in accordance with Section 10-210 of the Connecticut General Statutes.***

Absences

If your child is absent from or will be tardy to school, please call the school at (860) 572-5830 before 9:30 a.m. Connecticut State Department of Education policy requires a **written** note from a parent/guardian upon the child's return to school.

Late Arrival

Students should not arrive before 7:55 a.m. The first school bell rings at 7:55 a.m. and homeroom begins at 8:05 a.m. at which time attendance is taken. Students are considered tardy if not in homeroom by 8:05 a.m. and should report to the main office to sign in. Students who are tardy three times without a valid excuse may be assigned a detention.

Student Early Dismissal

Should it be necessary for a student to be dismissed from school early, please send a written note to school. The note should be dropped off in the office first thing in the morning. Students will then be given an early dismissal pass so they will be ready for you when you arrive to pick them up. Your ID is required to pick up your child.

Transportation Change

A note is required if students are going home from school by means other than their normal assignment, whether they are walkers or bus riders. All notes must be brought to the office during homeroom. **Students are not allowed to ride other buses to friends' houses.**

Student pickup after school

If you are picking up your child after school from an activity (club, sports, etc.), particularly between 3:45 and 4:05 p.m., please do not block the driveway/fire lane in front of the school, as our late buses must be able to pull into the driveway and park in front of our main entrance. Feel free to park in one of the parking spots and/or arrange to have your child meet you on the side of the school closest to Route 1.

Delayed Opening, Early Dismissal and No School Information

Selected radio and television stations will carry the announcement for no school or delayed openings. When an early dismissal is called information regarding dismissal times can also be found by going to the Groton Public Schools website (www.groton.k12.ct.us) and click on the URGENT INFO button. Delayed openings will be 2 hours unless otherwise notified. Notice of such closing is broadcast on local radio stations, through the School Messenger auto dialing system, and on our website at www.grotonschools.org. Please listen to the radio or television and check your messages. Please do not call the school, central office, police, or radio stations.

PLEASE NOTE: It is important that your contact number be kept up-to-date with your child/children's school so that you receive all messages.

Safety in our Schools

When you visit our school, you will notice the identification badges all staff members are wearing. This is part of Groton Public Schools' safety plan to protect our students. To access the building during school hours please press the silver button located on the security camera located on the LEFT column and face the camera. Someone from the main office will 'unlock' the LEFT door. All visitors to our school must report to the Main Office, sign in, and receive a visitor badge before entering the building. As always you should have your photo ID ready and available. This procedure allows parent and community involvement while ensuring the safety of our students.

School Lunch Program

Remember: You only need to fill out one form for your entire family, and you can fill out an application at any time during the school year if your income changes. If you need assistance filling out this form please contact Food Services directly at (860)-449-7208. If your child received free/reduced lunch last year, you **must** reapply this year. Those families with a TANF form from the Department of Social Services should send that form to the school office immediately (you are not required to complete the GPS form).

Breakfast and Lunch Prices for the School Year 2019-2020

Breakfast Full Pay Middle School: \$1.50	Lunch Full Pay Middle: \$2.80
Breakfast Reduced: Breakfast \$0.30	Lunch Reduced: \$0.40
Milk - per carton \$0.50	

Horizon Point of Sale Computers

The Food Service Department uses the Horizon computerized system in all cafeterias. Each student has their own account and pin number, and deposits in any amount may be made to the student's personal account. Any time you have questions about your child's account you may contact your child(ren)'s cafeteria manager for a "History Transaction Report", which shows all transactions made in a student's account. If you wish to prepay online, please visit is **mypaymentsplus.com**. You will need your child's school ID number to set this up.

Charge Policy

PLEASE NOTE: It is the policy of Groton Public Schools to allow a full pay student to charge up to \$11.75 at the Elementary schools and \$12.15 for Middle and High School, and reduced meals up to \$2.10. (All charge limits are equal to 3 days of Breakfast and Lunch charges). If no payment is received to cover the charges, then the student will be offered an "Oops" meal in place of the menu meal, however there will be a limit on the number of "Oops" meals allowed during the year. You will be contacted if there is a recurring problem. An "Oops" meal consists of PB&J sandwich, fruit and milk.

Student Council

Student Council hosted their first dance of the 2019-2020 school year! Everyone had a great time and it was a very successful fundraiser. A big thank you to all of our Cutler families who helped support our fundraising efforts and food drive. Upcoming events for December include a community Sock Drive and Spirit Week.

While it is important for Student Council to continue fundraising and helping our school community, it is important that we also reach out to local community organizations, especially in the winter months and during the holiday season. This year, the Student Council will be sponsoring another Winter Sock Drive to benefit MALTA, a local organization who help homeless or impoverished individuals and families keep warm this winter. We are collecting packages of socks for men, women and children during the month of December. This year, we are holding a homeroom competition! There will be one winner per grade level. The three winning homerooms will receive a catered wellness party during Advisory, to be held on December 13th. Good luck to all the homerooms and happy sock collecting!

Student Council will also be hosting our first Spirit Week in December. Details will be discussed at our next meeting.

As always, Student Council continues to welcome new members. We generally meet every other Wednesday after school until late bus in Room 20. Please don't hesitate to contact Sara Brown, sbrown@groton.k12.ct.us or Brooke Fiore bfiore@groton.k12.ct.us if you have any questions or suggestions! Happy Holidays!

Eye to Eye Mentoring Program

The Eye to Eye national mentoring program has begun at Cutler! We have 20 trained Connecticut College students with learning differences, including dyslexia and ADHD, to mentor similarly-identified middle school students. This is an art based, social-emotional, scientifically proven intervention with high-impact results. If you would like more information about this after school program, please email Mrs. Ambroise (Mrs. A) at Lambroise@groton.k12.ct.us, or you can visit the Eye to Eye mentoring program's website: www.eyetoeyenational.org/signup

Guidance News

Moving? Please contact the Guidance Office at least one week in advance. Please remember to contact the school if you have changed your home phone, cell phone number, and/or address.

Costa Rica 2020

All the students traveling to Costa Rica in April 2020 have been busy during November raising funds toward their travel expenses by selling Café Britt coffee, cocoa, nuts and chocolates. We are also learning "travel Spanish" --- ordering food in a restaurant, asking directions, simple phrases --- and beginning to make our packing lists. We will be kayaking across Lake Arenal and ziplining through wildlife-rich rainforests. Flying there will happen in only 4 months!

School-Based Health Center News

Dental Health

Having an attractive smile is so important to a teenager. You can help keep your child's teeth healthy with the following suggestions. Also, make sure they see a dentist or dental hygienist twice a year for a cleaning and cavity check. If you do not have dental insurance, you can contact "Smiles on the Move", a mobile dental hygienist service that schedules visits to many schools during the year. Brochures are available in the main office or health office. The Connecticut Dental Health Partnership for children with HUSKY can help you find a dentist by calling 1-866-420-2924.

- Make sure your child brushes twice a day using a soft toothbrush. Toothbrushes should be changed every 3 months or when the bristles start to flatten and become out of line.
- Use toothpaste that contains fluoride. Fluoride is absorbed into the teeth to make them strong and prevent cavities.
- Make sure they brush all surfaces of the teeth and gently brush the gums and tongue.
- Teach them to floss between their teeth. This helps remove trapped food, plaque and tarter that can lead to gingivitis – inflammation of the gums.
- Mouthwash freshens the breath and can kill bacteria. Many mouthwashes now contain fluoride to further strengthen the teeth.
- City water in Groton has fluoride added. Bottled water and well water do not contain fluoride. As long as the pipes in your home are safe, encourage your children to drink the city water. If you have a well, talk to your child's dentist about a fluoride supplement.
- Avoid sugary foods, juices and soda. Bacteria in the mouth "digest" the sugars forming an acid that weakens the teeth and helps cavities to form. Large amounts of diet soda can also weaken the teeth.
- Middle school children are still losing their primary teeth. The teeth may grow in crooked or they may be crowded with the new molars. You may want to speak with a dentist about a referral to an orthodontist if you notice problems.

Talking with your child about dental health can help them have a great smile. As always, feel free to call us at the SBHC, (860) 572-4448, if we can help in any way.

The flu vaccine is still available for all students. Call our office if you signed up to have your child receive the vaccine at the SBHC and have not gotten a form home indicating that the vaccine was given. We had a large volume of requests at both middle schools and are still getting to all permission forms received for the vaccine.

If you did not request that your child to receive the vaccine and would like it given, call us for a permission form to be sent home.

In good health,

Anne Ravenscroft, APRN

Parent Teacher Organization

PTO NEWS

The PTO would like to thank all the Cutler families and staff that came out to Manana Modern Mexican for our first dining out fundraiser! It was a great success! A huge shout out to Justin and his crew for hosting this event for us! We very much appreciate the support of our local businesses as well as the Cutler community!

Many thanks to everyone that ordered holiday wreaths and poinsettias! We do hope you are enjoying them! We very much appreciate Pequot Plant Farm for helping us with this fundraiser!

Dates to Remember:

DINING OUT EVENT: Wednesday, December 4th from 3 pm to 8 pm is our second dining out event at Mango's Pizza in Mistick Village. This is a great opportunity for you to start your holiday shopping (shops open till 8 pm), grab a pie and support the Cutler PTO! You DO need to present the flyer (this will be sent home and available on FB and the school website).

NEXT PTO MEETING: Tuesday, January 14th at 6:00 in the media center.

PTO-8th Grade Committee: This year's PTO 8th grade committee held its first meeting and preparations are underway for the end of the year activities that include the 8th grader dance, field day, t-shirts, and more. A donation letter has been sent to the 8th grade families. If you would like to contribute, please have your donation in by December 9th. If you would like to help with planning please attend the next meeting, which will be held Tuesday, January 14th at 7pm in the Media Center.

CHECK IT OUT: Like us on Facebook to keep up to date with the latest happenings with the CAHMMS PTO. Also stay informed by clicking on the PTO link on the CAHMMS PTO webpage. Check out the ways in which you can help:

- Corporate or Company Sponsorship / Matching Funds
- Amazon Smile

Parent involvement is critical for a successful school, so please consider volunteering and/or helping with one or more of our many fundraisers and events throughout the school year. Dedicated TEACHERS, STAFF, and PARENTS make Cutler Arts and Humanities Magnet Middle School great! Thank you for supporting your PTO! Your involvement makes a difference!

TEAM UPDATES

Grade 6 Team A

Language Arts – Ms. Kelly

Ms. Kelly's Language Arts class will be plenty busy moving into the holidays! We've finished our narrative writing and are moving into poetry - namely, the study of poets. Groups of students have specific poets that they are researching and imitating over the course of the month of December. Reading-wise, we are spending some time on the high seas with Avi's The True Confessions of Charlotte Doyle, as a precursor to our mid-December trip to the Seaport. We're very excited about what December has in store for us!

Math – Mr. Rege

December will be another exciting month in math class. We will build on our understanding of ratios by including rates and unit rates. We will then begin to extend the number line to include positive and negative integers. We will end December with an MYP project where we will use our understanding of ratios to build replica models. All students have access to an online math program called *Dreambox*. This is a great online extension that can be used at home. As always, feel free to contact me at any time.

Science – Ms. Popp

This month we are finishing our study of weather and climate. Students will be able to participate in a lab led by Project Oceanology in December. Students will explore how the ocean appears homogeneous from the surface, but under the waves there are many different layers of seawater. We will learn that as an organism travels from surface water to deeper water, it may encounter sharp changes in temperature, salinity, and other physical factors. We will also be learning about how humans have impacted their environment and how there has been a rise in global temperatures over the last 100 years. The 6th grade scientists participated in a workshop at Mystic Seaport to learn about tracking weather and ocean currents.

Social Studies – Mr. Byassee

In Social Studies during the month of December students will continue becoming proficient in the area of geographic literacy. We are just finishing our unit on the different types of maps and how to use them. Next students will focus on latitude and longitude, the world's various landforms, the four seasons and climate. During December we will also be hosting Young Emissaries from Israel. Students will be working with these young Israeli citizens throughout the year to learn more about life in the Middle East.

Grade 6 Team B

Language Arts – Mrs. J. Panucci

Happy December! In Mrs. Panucci's English Language Arts classes students are beginning their fiction book clubs! Students will learn how to map out their reading assignments, collaborate with peers, and facilitate meaningful discussions that revolve around the text. In writing, students will begin their Literary Essay Unit. Students will explore the world of argumentative writing, create their own thesis statements, and support with strong evidence. I am SO proud of each of you! Keep up the fantastic work!

Math – Ms. Morelli

We're a quarter of the way through our current unit, *Comparing Bits and Pieces*. The main idea of this unit is learning about ratios, but to lead up to this we have been working with fractions and understanding them as part-to-whole relationships. After the Thanksgiving break we will be getting more into ratios as proportional relationship and seeing how that's used in real-world situations.

Science – Mr. Luong

This month we are finishing our study of weather and climate. Students will be able to participate in a lab led by Project Oceanology in December. Students will explore how the ocean appears homogeneous from the surface, but under the waves there are many different layers of seawater. We will learn that as an organism travels from surface water to deeper water, it may encounter sharp changes in temperature, salinity, and other physical factors. We will also be learning about how humans have impacted their environment and how there has been a rise in global temperatures over the last 100 years. The 6th grade scientists participated in a workshop at Mystic Seaport to learn about tracking weather and ocean currents.

Social Studies – Ms. Winter

Fall is happily leading into "the most wonderful time of the year." During the month of December, Social Studies students will continue with geographic literacy, moving from types of maps to longitude and latitude and investigation of the physical characteristics of Earth... landforms, continents, and climate. Speaking of climate, we will also learn about the seasons and why we have them. In addition, grade 6 will host and partner with Young Emissaries from Israel, forming a relationship that carries on throughout the year. May your holidays be shiny and bright!

Grade 7 Team C

Language and Literature – Ms. Reinhold

We finished up our reading unit on characterization with author/ book talk presentations. Students analyzed perspective, how authors craft characters and how those characters deliver the theme of a book. After preparing a discussion based on their investigations, students recorded their talks on our chromebooks and then created a QR code linked to their talk. These QR codes are now inside the covers of our classroom books for future students to listen to as they browse our classroom library. The students love the idea of having a real audience for their work.

Currently we are well into our unit on writing realistic fiction which will be complete around the 6th of December. Students will be designing a cover for their stories and recording them to share on our website. Look for this at the end of December.

On the last day of school before winter break, we will be having a well-deserved Team C Holiday Celebration. A sign-up form for contributions will be coming home. All donations are gratefully accepted. Thank you in advance!

Wishing you all a wonderful holiday season!

Math - Mr. Panucci (see team D, Mr. Masterjoseph)

Science – Ms. Fiore

Happy holidays from Team C Science! Students have been busy learning about the differences between chemical and physical changes, states of matter and how the body breaks down food. In the upcoming weeks, students will take on the role of a junior dietitian to demonstrate everything that they have learned during this first unit of chemistry! We will then enjoy a change of pace as we transition to our unit on biology and ecology. Don't forget to visit the Team C website for nightly homework assignments. Please see below for the link for the pertinent school page. Choose 7C and scroll to the lower portion of the page.

<https://www.grotonschools.org/cutler/student-life/class-websites>

Social Studies – Ms. S. Panucci

Happy Holidays...Buon Natale...Feliz Navidad...Merry Christmas...Joyeux Noel, Forhe Weihnachten...Feliz Natal! Ms. Panucci's grade 7 Individuals and Societies students are to be commended for their beautiful, elaborate summative assessments. Students created Country Silhouettes and Culture Posters with citations; as well as a presentation with music, instruments, arts, dance, and food. The students did a fabulous job teaching and sharing with their peers! We are continuing to explore Cultures and Traditions...analyzing, interpreting, and creating! Wishing you and your family a Happy, Healthy, and Successful New Year!

Grade 7 Team D

Language Arts – Ms. Delaporta

During the month of December in the 7th grade Language Arts classroom on team 7D, we will be finishing up our “Realistic Fiction” unit. During this unit students were to create a realistic fiction piece around an idea of their choice. They have gone through multiple rounds of sharing out with their peers as well as with me, along with several peer conferences and self-reflections on their work. When their pieces are done, students will be given the opportunity to share their finished pieces with the class and are encouraged to bring them home to share as well. Before the holiday break, we will begin our next unit, “The Art of Argument”, where students will again be creating another written piece. Stay tuned to hear about their topics and stands on the issues they’d like to discuss and argue!

Math - Mr. Masterjoseph (Team D) and Mr. Panucci (Team C)

Mr. Masterjoseph’s & Mr. Panucci’s 7th Grade Math Happenings Newsletter
December 2019

NOTE TO PARENTS OF STUDENTS IN GRADE 7

Parents & Guardians,

We would like to thank all parents for their ongoing communication and support. We truly appreciate your help as we work as a team to make sure your scholar continues to have a successful year in mathematics. Please continue to urge your scholar to complete assignments regularly so that they reinforce the skills taught in class. We will continue to keep homework assignments short but they will become critically important as we progress further into the curriculum. Many of the math concepts will be new and or much more complex. Your support at home is making great contributions to your scholar’s learning.

Math 7: Congratulations to Math 7 scholars who have been working hard with our ongoing study of operations with integers and the rational number system. This has lead us into the study of order of operations which are not only important for school but also the real world. Understanding of integers is a critical foundation for interpreting and solving inequalities, expressions, and equations. A few of the activities scholars have completed to help learn these abstract concepts has been Wipe – Out, Battleship, and Matho. As we continue our study of integers, scholars will also learn a new concept called inequalities and how they can be graphed on a number line.

As part of our efforts to link these ideas to real-world authentic concepts, scholars have made connections with integers in relation to the number line, credit, debit, elevation, and temperature.

7 Advanced Scholars: I am proud to announce that Scholars in the Advanced 7 Classes have truly been working hard this year and I’m so impressed with how they have adjusted to the challenges of an advanced course. Many have been seeking extra help without the encouragement from any adults which I believe demonstrates a great deal of maturity. Scholars in Advanced 7 also took their unit assessment for “Accentuate the Negative” and are moving into their third unit of study which is “Stretching and Shrinking”.

Scholar Projects are on display in room #23. I would also encourage parents to continue to refer to google classroom and the school website for scholar assignments and new exciting events that continuously occur at CAHMMS.

You can help your scholar in several ways:

- *Talk with your scholar about situations that are like those in this Unit – real-world examples of items that are reduced or enlarged, such as models.*
- *Continue to have your scholar share his or her mathematics notebook with you, showing you the different ideas about similarity that have been recorded.*
- *Share any ways that reductions or enlargements help you in your work or hobbies.*
- *Look over your Scholar’s homework; make sure that all questions are answered and all explanations are clear.*

Unit Goals: This unit has two broad goals. One is to help scholars find relationships among figures that have been stretched or shrunk. They will analyze the resulting changes in properties of the figures, such as area and perimeter. Similarity will also be used to find the heights of real objects (such as buildings and flagpoles). The Problems are designed to help scholars begin to reason proportionally. By the end of this Unit, your scholar will know how to create similar figures, how to determine whether or not two figures are similar, and how to predict the ratios of the lengths and areas of two similar figures.

While all of the Standards of Mathematical Practice are developed and used by scholars throughout the curriculum, this Unit focuses on reasoning abstractly and quantitatively. Scholars attend to finding the meaning of quantities, not just computing them. Comparing and Scaling focuses on the Ratios and Proportional Relationships domain. As scholars explore ratios, rates, percents, and proportions, several standards from the Expressions & Equations domain are also addressed.

Important vocabulary for this unit includes the following:

Corresponding sides or angles have the same relative position in similar figures.

Similarity: Two figures are similar if: (1) the measures of their corresponding angles are equal and (2) the lengths of their corresponding sides increase by the same factor, called the

Scale Factor: The number used to multiply the lengths of a figure to stretch or shrink it into a similar image.

A scale factor larger than 1 will enlarge a figure. A scale factor between 0 and 1 will reduce a figure.

The scale factor of two similar figures is given by a ratio that compares the corresponding sides: length of a side on the image & length of a side on the original

Area and Scale Factor: Lengths of similar figures will stretch (or shrink) by a scale factor. Areas of the figures will not change in the same way.

Ratio is a comparison of two quantities and can be written in several forms.

There are two types of ratios. Ratios can be part-to-part or part-to-whole comparisons. Part-to-whole comparisons can be written as fractions or percent’s. Part-to-part comparisons can be written in fraction form, but do not represent a fraction.

Proportion is a statement of equality between two ratios.

Rate is a comparison of measures with two different units.

Scaling Ratios (and Rates) Finding a common denominator or common numerator to make comparisons easier.

Unit Rate is a rate in which the second quantity is 1 unit.

Proportional Relationship is a relationship in which you multiply one variable by a constant number to find the value of another variable.

On the CMP Parent Website, you can learn more about the mathematical goals of each unit. See the glossary, and examine worked-out examples of ACE problems. <http://www.math.msu.edu/cmp/parents/home>

Mr. Masterjoseph has all assignments posted on google classroom.

Any scholars requiring additional help are urged to visit Math Lunch Bunch offered by Mr. Masterjoseph Monday – Wednesday or after school on Thursday. All are welcome!

P.S. We are always available for communication with parents. Feel free to contact us at school or via email at mmasterjoseph@groton.k12.ct.us or rpanucci@groton.k12.ct.us

Science – Mr. Browne

I hope everyone enjoyed their Thanksgiving break! The students just finished working on a chemistry table mosaic. With two artists from Mystic Museum of Art, students were able to create a mosaic displaying three common compounds. They contributed to all aspects of the project, including but limited to, researching the compounds, sketching the compound, breaking tiles, creating mortar, and finally laying down the table. We hope that the tables will move with us to the new middle school next year. The table tops and benches look amazing, with all the credit going to hardworking, meticulous students.

With the addition of this art project, the original deadline of unit one, chemistry, has been pushed back to Holiday Break. Students will start December learning about the physical and chemical changes that foods undergo to make it usable within our body. Students will finish this section of chemistry focusing on nutritional deficiencies and ways to combat them.

Social Studies – Ms. Waddicor

Grade 7 Individuals and Societies students are to be commended for their beautiful, elaborate summative assessments. Students created Country Silhouettes and Culture Posters with citations; as well as a presentation with music, instruments, arts, dance, and food. The students did a fabulous job teaching and sharing with their peers! We are continuing to explore Cultures and Traditions...analyzing, interpreting, and creating! Wishing you and your family a Happy, Healthy, and Successful New Year!

Grade 8 Team E

Language Arts – Ms. Patrick

“Each of us is a book waiting to be written, and that book, if written, results in a person explained” - Thomas M. Cirignano. As November comes to a close, Team E Language Arts is finishing up our memoir unit. Students have spent countless hours reading memoirs, writing down their thoughts and feelings, and reflecting on their own lives. They have each chosen a topic for their memoir, written a rough draft, gone through the editing and revising stages, and published their memoirs on *Google Classroom*. Due to the fact that many students chose to write about something deeply personal, we decided as a team that we would not expect others to share everything about their memoir. Instead, students had the opportunity to create something that we will hang in the classroom. They could use their own creativity they could create whatever they would like for this part of the project. Some wrote newspaper articles, others created poems, and many chose to draw something that represent them and their story. As their teacher, I feel immensely honored to be reading their stories and I looked forward to seeing all of the finished products!

Math – Ms. Lucy

Math 8 students have concluded the first part of *Thinking with Mathematical Models* and tested at the end of November. We will be spending most of December looking at algebraic equations and the various methods of solving them. Students will look at real-world scenarios, identify the unknown, define variables, write equations, and solve them. They will learn strategies for verifying solutions using estimation and reasonability.

Algebra students have concluded their second unit of the year, *Equalities and Inequalities*, and tested at the end of November. In December we will begin the third unit, *Relations and Functions*. Students will draw connections with what they learned about functions in 7th grade (notation and identifying independent and dependent variables). We will also describe relationships between variables in real data (type of correlation, strength of correlation, and whether they are functions). After unit 3, we will begin preparation for the Midterm Exam. The Honors Algebra 1 Midterm Exam will take place the morning of Friday January 24, 2019. More information will be provided after the winter break.

Social Studies – Ms. McCabe

The students on Team E in 8th grade Social Studies have continued to work hard as we approach the month of December. We have just finished our first unit project, where students worked in groups and used an online simulator to create their own settlements and test them against natural disasters. Students were collaborative and worked together to problem solve and had a great time working on this in class! As we move into December, we are starting our second unit of the year, "Causes of the American Revolution". Students will be learning about the French and Indian War, the Boston Massacre and other important events leading up to the American Revolutionary War!

Science – Ms. Conway-Fenn

This month we've continued to explore the vastness of our solar system. Students worked hard on creating art pieces that represent their chosen planet. Look for these to be hung in the hallways of Cutler later this month. In the near future, students will be learning about the sun, moon, and earth system, and eventually headed back to earth to explore its natural history.

Grade 8 Team F

Language Arts - Ms. Cady

Students have been learning a lot these past few weeks while preparing to draft their memoirs: figurative language, imagery, tone and mood, simple and compound sentences and ways to present their memoirs. Starting the first week of December, students will begin their memoir drafts and we will start a Book Talk format of reading *The Outsiders*. In addition to reading the book, we will be learning about life in the late 50's and early 60's, so if any parents (?) or grandparents can provide them some insight, that would be awesome! Memoirs will be completed this month and once we finish reading the book, students will watch the movie, have a dress-up day and we will culminate with a sock hop and ice cream sundae treat before Christmas.

Social Studies - Individuals & Societies (U.S. History) – Mr. Murallo

We are continuing our IB approach to teaching Pre-Revolution and the American Revolution.

We will emphasize the causes of the American Revolution and maintain the focus of the Middle Years Program by our statement of inquiry supported by a factual, conceptual and debatable lines of questioning. Our study will afford us the knowledge and concept of "Revolution". We will then use our knowledge to research a "revolution" of their choice denoting the similarities and differences between their chosen revolution and the American Revolution. In addition, the students will attempt to creatively settle the differences and perhaps come to a peaceful conclusion agreeable to both sides. This research will undoubtedly take the students into January 2020.

Science – Mr. Beriau

This month we've continued to explore the vastness of our solar system. Students worked hard on creating art pieces that represent their chosen planet. Look for these to be hung in the hallways of Cutler later this month. In the near future, students will be learning about the sun, moon, and earth system, and eventually headed back to earth to explore its natural history.

Math – Mr. Jacobson

We are making excellent progress in 8th grade math! The students just put in an incredible effort to get ready for our first test of the year! We took the test on Thursday on using linear models and calculating equations of lines. Next, we will be looking into how to solve multi-step equations using flowcharts and inverse operations. Also be on the look-out for an upcoming project titled "Sol Lewitt" art!

Honors Algebra has made it through Unit 2! We have finished looking at solving Equations and Inequalities as well as translating word problems into solvable equations! We will be using December to transition to Unit 3 "Functions" as well as practicing for SBAC and SAT. We will also begin preparing for the mid-term which is scheduled for late January!

Concert Band

The winter band concert is scheduled for December 5, 2019 at 7 PM in the CAHMMS gymnasium. We will be performing a few holiday favorites!

Jazz Band

The Cutler Jazz Band and Brass Ensemble will be performing at Mystic Aquarium's "A Mystic Christmas" on December 6th at 6:30 PM up in the Aquarium mezzanine. This event is wonderful for kids of all ages and families as the aquarium is open for free with a *canned good donation*. Come join us for hot chocolate, holiday carols, and beluga whales!

Eastern Regionals

Many students are diligently practicing for their audition for Eastern Regionals to be held on December 7th. Best of luck to all!

Mr. Mazzarella may be reached via email kmazzarella@groton.k12.ct.us

Lisa Gray

Orchestra Director at Cutler and West Side Middle Schools

The Cutler Orchestra was excited to present a joint concert with the Chorus at the end of November. We look forward to sharing our music with the school during the Spectrum Concert on December 13. The orchestra is also busy preparing for the Groton String Festival which will be held on Thursday December 19 at 6:30 p.m. at Fitch High School. It is a great opportunity for all the orchestras in the district (elementary through high school) to perform for each other. Noteworthy songs we are working on include Dances from the *Nutcracker* and The Avengers Theme. Remember to only practice on the days you eat!

Just a reminder that as the weather gets colder, it's important to care for your instrument! Never leave it in the car or by heat vents as the wood is extremely sensitive to temperature and humidity changes. Looking for a gift idea? String players can always use rosin, shoulder rest (for violin/viola) or cello strap/rock stop. These range from \$2-\$15 so they are relatively inexpensive gifts that would be used every time they play. These items can easily be purchased at local music stores - Music & Arts in Waterford or Stewart's Music in Niantic.

Arts & Humanities Update:

Trimester 1 Magnet Performance assembly was held on Tuesday, November 26th. Students from the magnet elective classes of Theater, Dance, Broadcasting and “School of Rock” showcased what they’ve learned over the trimester and Ms. Waddicor’s 7th grade students shared a multimedia storyboard they created in class on the Berlin Wall. Thank you and congratulations for a job well done to all teachers and students who participated in the assembly.

Grade 7 science students are almost done completing an integrated science/art project they started last month in Ms. Fiore’s and Mr. Browne’s science classes. Working with artists from Mystic Museum of Art, students are creating mosaic- tiled picnic tables depicting molecular structures they have studied in class. These picnic tables will not only be enjoyed this year but at the new middle school as well.

Also this month, Grade 6 students will be visiting the Mystic Seaport Museum. Museum educators have worked closely with grade 6 teachers designing a program to support their curriculum. Students will have hands-on experiences and participate in a primary source workshop focusing on the 1800’s which supports what they are doing in ELA and social studies; examine a model of a seaport town which connects to their math lessons on scale and proportion; and visit the planetarium for a special program on weather which is directly tied to the Middle School NGSS (Next Generation Science Standards) for weather relating to air and water patterns around the earth.

On December 13th, Mark Love, from *ENGINEERS TEACHING ALGEBRA*, will work with Ms. Lucy’s and Mr. Jacobson’s algebra students for the day. Both teachers and students that had the chance to work with him last year expressed how much they enjoyed and appreciated the program’s real-world connections of applying math skills to everyday life situations. We are excited to have Mr. Love return again this year to work with grade 8 algebra students.

Drama Club

CAHMMS Drama Club will be starting soon! Ms. Kelly, the club’s director plans to start the first week of December. Exact dates and times will be broadcast on CAHMMS morning news.

Stamp Club

December is a month when many youngsters look forward to what they're going to find under the tree. If parents are thinking of stamp related gifts for their budding philatelists, simply searching *Google* for "stamps for collectors" will bring up a number of sites, the first one being Mystic Stamp Company. This company, which is located in upstate New York, not Mystic, Connecticut, has been in business for a long time and is quite reputable. Another stamp dealer is Kenmore (which is not connected to Sears!). Both these companies produce catalogs which are available at school.

The next question for parents, grandparents, and various aunts and uncles, involves what to give. Packets of topical stamps are always popular; such as horses, dancers, boats, flags, and literally hundreds of others. Stocking stuffers might include tongs and hinges (little pieces of folded and gummed glassine used to affix stamps to albums pages).

One other item might be a roll of wax paper. Older stamps, cut or torn from envelopes, are separated from the paper by soaking. Simply put them in a bowl of room temperature water and let them sit until the gum dissolves. Fish them out of the bowl, give them a quick rinse to get rid of any remaining gum, and place them face up on wax paper. Cover the stamps with a couple of layers of paper towels and then weigh the stack down with a heavy book (a good use for the encyclopedia that nobody looks at anymore). The next day the stamps should be dry and flat and ready to mount in an album or display. Be advised, this only works with "lick and stick stamps," not the newer "peel and stick" variety.

December is the month of several holidays. Stamps have been issued by the United States to honor Hanukkah, Christmas (with both secular and religious issues), and Kwanza. Looking forward to early January, some students may wish to create a display for Epiphany or Three Kings Day showing the Magi with their gifts.

Sports:

Girls Basketball Schedule 2019-2020

Coach - Mr. Robert Panucci

December 12 - Westside (no JV) Home 3:30	January 23 - Westside (no JV) Away 3:30
December 16 - New London Away 3:30	January 27 - New London Home 3:30
December 19 - Stonington Home 3:30	January 30 - Stonington Away 3:30
January 6 - ISAAC (no JV) Away 3:30	February 3 - ISAAC (no JV) Home 3:30
January 9 - Tyl Middle Away 3:30	February 6 - Tyl Middle Home 3:30
January 13 - Ledyard Home 3:30	February 10 - Ledyard Away 3:30
January 16 - Clark Lane Away 3:30	February 13 - Clark Lane Home 3:30

ALL GAMES INCLUDE JV UNLESS OTHERWISE NOTED

Boys Basketball Schedule 2019-2020

Coach - Mr. Ryan Magee

Assistant Coach - Mr. Dave Hall

December 12 - Westside (no JV) Away 3:30	January 23 - Westside (no JV) Home 3:30
December 16 - New London Home 3:30	January 27 - New London Away 3:30
December 19 - Stonington Away 3:30	January 30 - Stonington Home 3:30
January 6 - ISAAC (no JV) Home 3:30	February 3 - ISAAC (no JV) Away 3:30
January 9 - Tyl Middle Home 3:30	February 6 - Tyl Middle Away 3:30
January 13 - Ledyard Away 3:30	February 10 - Ledyard Home 3:30
January 16 - Clark Lane Home 3:30	February 13 - Clark Lane Away 3:30

ALL GAMES INCLUDE JV UNLESS OTHERWISE NOTED

Be sure to check <https://www.grotonschools.org/cutler/student-life/athletics> for updates and changes throughout the season.

LONG RANGE PLANNING

<i>Thursday, December 5</i>	<i>Concert & Jazz Band – Winter Concert - 7 p.m.</i>
<i>Friday, December 6</i>	<i>Mystic Seaport Field Trip- Grade 6, Team B - 9:00 a.m. - 1:45 p.m.</i> <i>Jazz Band – Performing from 6:30 pm to 7:00 pm at Mystic Aquarium for “A Mystic Christmas”</i>
<i>Saturday, December 7</i>	<i>Eastern Region Auditions, William J. Johnston M.S.-Concert & Jazz Bands, Orchestra & Chorus - 7:30 a.m. - 12:30 p.m.</i>
<i>Tuesday, December 10</i>	<i>Early Dismissal for TLI – 12:32 p.m.</i>
<i>Wednesday, December 11</i>	<i>In School Spectrum Concert - 9:03 a.m.</i> <i>-Band, Jazz Band, Orchestra and Chorus-</i>
<i>Thursday, December 12</i>	<i>Mystic Seaport Field Trip- Grade 6, Team A - 9:00 a.m. - 1:45 p.m.</i> <i>Basketball vs. Westside-No JV - Boys away;Girls home - 3:30 p.m.</i> <i>Concert & Jazz Band - Winter Concert Snow Date - 7 p.m.</i>
<i>Friday, December 13</i>	<i>Orchestra Rehearsal, Fitch High School - 8:45 a.m. - 10:30 a.m.</i> <i>Engineers Teaching Algebra w/ Mark Love 8th Gr. Algebra Students</i>
<i>Monday, December 16</i>	<i>Basketball vs. New London - Boys home;Girls away - 3:30 p.m.</i>
<i>Thursday, December 19</i>	<i>Basketball vs. Stonington - Boys away;Girls home - 3:30 p.m.</i>
<i>Friday, December 20</i>	<i>Early Dismissal for Holiday Break – 12:32 p.m.</i>
<i>Monday, December 23 –</i>	
<i>Wednesday, January 1</i>	No School – Holiday Break
<i>Monday, January 6</i>	<i>Basketball vs. ISAAC-No JV - Boys home;Girls away - 3:30 p.m.</i>
<i>Thursday, January 9</i>	<i>Basketball vs. Tyl - Boys home;Girls away - 3:30 p.m.</i>
<i>Monday, January 13</i>	<i>Basketball vs. Ledyard - Boys away;Girls home - 3:30 p.m.</i>
<i>Tuesday, January 14</i>	<i>Early Dismissal for TLI – 12:32 p.m.</i> <i>PTO Meeting, Cafeteria - 6:00 p.m.</i> <i>PTO 8th Grade Committee, Media Center - 7:00 p.m.</i>
<i>Thursday, January 16</i>	<i>Basketball vs. Clark Lane - Boys home;Girls away - 3:30 p.m.</i>

<i>Monday, January 20</i>	No School – MLK Holiday
<i>Thursday, January 23</i>	<i>Basketball vs. Westside-No JV - Boys home;Girls away - 3:30 p.m.</i>
<i>Monday, January 27</i>	<i>Basketball vs. New London - Boys away;Girls home - 3:30 p.m.</i>
<i>Thursday, January 30</i>	<i>Basketball vs. Stonington - Boys home;Girls away - 3:30 p.m.</i>
<i>Monday, February 3</i>	<i>Basketball vs. ISAAC-No JV - Boys away;Girls home - 3:30 p.m.</i>
<i>Thursday, February 6</i>	<i>Basketball vs. Tyl - Boys away;Girls home - 3:30 p.m.</i>
<i>Monday, February 10</i>	<i>Basketball vs. Ledyard - Boys home;Girls away - 3:30 p.m.</i>
<i>Tuesday, February 11</i>	<i>Early Dismissal for TLI – 12:32 p.m.</i>
<i>Thursday, February 13</i>	<i>Basketball vs. Clark Lane - Boys away;Girls home - 3:30 p.m.</i>
<i>Monday, February 17-</i>	
<i>Tuesday, February 18</i>	No School – Winter Break
<i>Friday, March 13</i>	No School – Professional Development for Teachers
<i>Friday, April 10</i>	No School – Good Friday
<i>Monday, April 13 –</i>	
<i>Friday, April 17</i>	No School – Spring Recess
<i>Tuesday, May 12</i>	<i>Early Dismissal for TLI – 12:32 p.m.</i>
<i>Monday, May 25</i>	No School – Memorial Day
<i>Friday, June 5</i>	<i>8th Grade Dance - 6:00 p.m. to 9:00 p.m.</i>
<i>Thursday, June 11</i>	<i>Early Dismissal - Last Day of School – 12:32 p.m.</i>

This calendar will be revised on a continuous basis as events are added or deleted.

CUTLER ARTS & HUMANITIES MAGNET MIDDLE SCHOOL LATE BUS SCHEDULE

MYSTIC SOUTH LATE RUN

Leaves CAHMMS at 4:00

Right out of the school
Left onto Route 1
Left onto Groton Long Point Road
Stops along **Groton Long Point Road as needed**
Left onto Burrows Street
Left on North Street
Stops at North Street and East Shore Ave.
Left onto East Shore Avenue
Right onto Groton Long Point Road
Stops along **Groton Long Point Road as needed**
Right onto Elm Street/Route 215
Stops along **Route 215 as needed**
Continue onto Noank Road
Stops along **Noank Road as needed**
Left onto West Mystic Avenue
Stops along **West Mystic Avenue as needed**
Continue onto Allyn Street
Stops along **Allyn Street as needed**
Left onto Ann Avenue
Left onto Avon Place
Right onto Nantucket Drive
Stops at **Nantucket Drive and Lamphere Rd**
Left onto Lamphere Road
Right onto Cow Hill Road
Bear left onto Cow Hill Road Ext
Stops along **Cow Hill Road Ext as needed**
Continue onto High Street
Stops along **High Street as needed**
Right onto New London Road
Stops along **New London Road as needed**
Right onto Flanders Road
Stops along **Flanders Road as needed**

MYSTIC NORTH LATE RUN

Leaves CAHMMS at 4:00

Right out of the school
Continue onto Noank Ledyard Road
Stops along **Noank Ledyard Road as needed**
Right onto Sandy Hollow Road
Stops along **Sandy Hollow Road as needed**
Continue across to Sandy Hollow Road
Left onto High Street
Right onto Bindloss Road
Left onto River Road
Stops along **River Road as needed**
Left onto Shewville Road
Continue across on Shewville Road
Stops along **Shewville Road as needed**
Right onto Hyde Pond Road
Turn around
Left onto Shewville Road
Right onto Route 184
Stops along **Route 184 as needed**
Right onto Pumpkin Hill Road
Stops along **Pumpkin Hill Road as needed**
Turn around
Left onto Pumpkin Hill Road
Right onto Route 184
Stops at **Route 184 and Chesebrough Farm Road**
Stops along **Route 184 as needed**
Left onto Flanders Road
Right onto Rogers Road
Stops along **Rogers Road as needed**
Left onto Route 184
Stops along **Route 184 as needed**
Right onto Candlewood Road
Stops along **Candlewood Road as needed**
Right onto Route 117
Stops along **Route 117 as needed**
Left into Lorenzo Park to turn around
Right onto Route 117
Right onto Gales Ferry Road
Stops along **Gales Ferry Road as needed**
Turn around
Left onto Gales Ferry Road
Stops at **Gales Ferry Road and Mountain Laurel Road**
Right onto Route 117
Continue onto Route 117
Left onto Hazelnut Hill Road
Stops along **Hazelnut Hill Rd as needed**

NAVY LATE RUN

Leave CAHMMS at 4:00

Right out of school
Left onto Route 1
Right onto Buddington Road
Left onto Drozdyk Drive
Right onto Route 1
Stops along **Route 1 as needed**
Right onto Kings Highway
Right onto Route 184
Stops at **Route 184 and Kings Highway**
Stops at **Winding Hollow Road**
Stops along **Gold Star Highway as needed**
Left onto Tollgate Road
Stops along **Tollgate Road as needed**
Right onto Route 12
Stops at **Route 12 and Charter Oak Drive**
Stops at **Route 12 and Hickory Drive**
Left onto Pleasant Valley Road South
Stops at **Highland Avenue**
Stops at **Lestertown Road**
Right onto Walker Hill Road
Stops at **Bushnell Street**
Right onto Grove Avenue
Stops at **Grove Avenue**
Right onto Military Highway
Stops along **Military Highway as needed**
Right onto Crystal Lake Road
Left onto Route 12
Right onto Ohio Avenue
Stops at **Ohio Avenue and Pleasant Valley Road North**
Right onto Pleasant Valley Road North
Stops along **Pleasant Valley Rd No as needed**
Left onto Gungywamp Road
Stops along **Gungywamp Rd as needed**
Right onto 1st Pelican Drive
Right onto Poplar Road
Left onto Burningtrees Drive
Stops at **Burningtrees Dr and Magnolia Dr**
Stops at **Burningtrees Dr and Cormorant Rd**
Right onto Gungywamp Road
Stops along **Gungywamp Road as needed**
Right onto Route 184
Left onto Buddington Rd
Stops along **Buddington Rd as needed**

CITY LATE RUN

Leave CAHMMS at 4:00

Right out of school
Left onto Route 1
Left onto Poquonnock Road
Stops along **Poquonnock Road as needed**
Left onto Johl Drive
Stops at **High Rock Road and Johl Drive**
Stops at **Hyrock Terrance and Cranston Dr**
Right onto High Rock Road
Left onto Poquonnock Road
Right onto Old Farm Road
Stops along **Blueberry Hill Road as needed**
Cross Poquonnock Road to Rainville Avenue
Left onto Litton Avenue
Stops along **Litton Avenue as needed**
Left onto Brandegee Avenue
Stops along **Brandegee Ave as needed**
Left onto Shennecossett Road
Stops along **Shennecossett Rd as needed**
Right onto Tyler Avenue
Stops along **Tyler Avenue as needed**
Right onto Eastern Point Road
Stops along **Eastern Point Rd as needed**
Continue onto Benham Road
Stops along **Benham Road as needed**
Continue onto Mitchell Street
Stops along **Mitchell Street as needed**
Left onto Broad Street
Stops at **Broad St for Thames Street area**
Right onto Thames Street
Right onto North Street
Left onto Meridian Street
Stops along **Meridian Street as needed**

DECEMBER 2019

CAHMMS Calendar of Events

SUNDAY	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY	SATURDAY
1	2	3	4	5	6	7
				7 pm - Concert & Jazz Band Winter Concert	*9:00 a.m. - 1:45 p.m. Mystic Seaport Field Trip- Grade 6, Team B *Jazz Band – A Mystic Christmas-Performing at 6:30 pm	Eastern Region Auditions, William J. Johnston M.S.-Concert & Jazz Bands, Orchestra & Chorus
8	9	10	11	12	13	14
		Early Dismissal for TLI – 12:32 p.m.	9:03 am-In School Spectrum Concert-Band, Jazz Band, Orchestra & Chorus	*9 am-1:45 pm - Mystic Seaport Field Trip- Grade 6, Team A *3:30 pm Basketball vs. Westside-No JV - Boys away;Girls home *7 pm - Concert & Jazz Band - Winter Concert Snow Date	*8:45 am-10:30 am-Orchestra Rehearsal, Fitch High School *10 am-2:45 pm Engineers Teaching Algebra w/ Mark Love 8th gr Algebra Students	
15	16	17	18	19	20	21
	3:30 pm - Basketball vs. New London - Boys home;Girls away			3:30 pm - Basketball vs. Stonington - Boys away;Girls home	Early Dismissal for Holiday Break – 12:32 p.m.	
22	23	24	25	26	27	28
	No School - Holiday Recess	No School - Holiday Recess	No School - Holiday Recess	No School - Holiday Recess	No School - Holiday Recess	
29	30	31	1	2	3	4
	No School - Holiday Recess	No School - Holiday Recess	No School - Holiday Recess			