

7th Grade Math and Science

High Tech Middle North County

2017-2018

“It is easier to build strong children than to repair broken men.”
–Frederick Douglass

Contact Information

Instructor: Sacha Casciato

Email: scasciato@hightechhigh.org

Office Hours: **Every Wednesday** alternating between 3:15-4:15 and 12:30 - 1:14 or by appointment

Location: Room 203

Digital Portfolio: mrscasciato.weebly.com

About 7th Grade Math and Science

Welcome to Mrs. Casciato’s 7th grade math and science class. In science, we explore the world of science and build on what you know about all sections of science. In math, we will explore the realm of negative integers, geometric shapes, linear equations, variables, and much more. In math and science class, you will grow as a reader, writer, mathematician, scientist, critical thinker, and collaborative group member. Class is split up each day into an hour of project skills time and an hour of project time.

7th Grade Humanities

High Tech Middle North County

2016-2017

“The mind is not a vessel to be filled, but a fire to be kindled.”
–Plutarch

Contact Information

Instructor: David Visser

Email: dvisser@hightechhigh.org

Office Hours: Thursday at 3:15-4:15 or by appointment

Location: Room 202

Digital Portfolio: Mrvisser.weebly.com

About 7th Grade Humanities

Welcome to Mr. Visser’s 7th grade humanities class! In 7th grade, we explore the relationship between ourselves and society. In humanities class, you will grow as a reader, writer, critical thinker, and collaborative group member. Class is split up each day into an hour of skills time and an hour of project time.

Classroom Norms & Guiding Questions

In 7th grade math and science, we will look closely at the concepts and questions that come from D.R.E.A.M. In order to accomplish goals and fulfill your potential it is essential that you never forget to D.R.E.A.M.

D edication	Why is it important to be dedicated to a task or purpose? What positive effects come from dedication and hard work?
R espect	What does it mean to respect our peers, staff, and our families and community outside of school? What does it mean to respect ourselves? What does it mean to respect our classroom and our school?
E quity	What does it mean to be equitable and how does this concept promote fairness?
A daptability	Why is it important to adapt to your environment and always be willing to view the world in new and exciting ways?
M otivation	What things motivate you and how does motivation help you in life? What does a “challenge” for my individual needs look like?

A Clean Classroom:

- 1) Absolutely no food or drinks in the classroom. Water bottles are allowed, but if a computer is out, water must be placed under the table.
- 2) Gum is not allowed
- 3) Throw away all trash in the trash bin and recycle in the recycling bin. Remember that as 7th graders, other students look up to you. Be a role model and keep our school clean! This means picking up random trash that you see.

high TECH high: Technology Agreements:

- 1) We are fortunate to have access to cutting edge technology, including 21 laptops in our classroom. Always hold laptops with two hands and carry them with the screen closed. Laptops MUST be used only at a table. Do not sit on the floor with a laptop. Laptops should be shut down and plugged in at the end of the day. Laptops do not leave our classrooms. The 7th grade commons is outside of the classroom. If you need a computer in the commons, inclusion sometimes has one to lend.
- 2) Laptops (personal or school) are to be used for school and research use only. Email is used for “work related” questions and information only. Inappropriate use of a laptop during school hours will result in a suspension of computer use at school.
- 3) Cell phones must stay off or silent in your backpack. Students may only use a cell phone during class time to take a picture of the homework board. There is designated time each day for this. If a phone is out other than homework recording time, it will live at Ms. Wallace’s desk

until a parent can pick it up after school.

4) Take care of all personal technology that you bring to school. Remember that the school cannot be held responsible for lost or damaged items.

Absence Policy:

1) It is extremely important that students attend class and be present on time since we are a project based learning school. This means that most of the work completed is done in the classroom. Students who are ill should not attend school. Because of work deadlines, we encourage these students to email teachers and group partners when they are absent. Just like a professional job, we expect all students to be in close communication with their peers and teachers when out of school.

2) When a student comes back to school from an absence, he/she has two school days to make up any missed work.

3) Write down the dates that you were absent on your planner and check in with two classmates to find out what content was covered during the absence. Once you have checked in with two classmates you can then check in with the teacher to make sure you receive any missed assignments or work.

Contract Policy:

Our academic program differs from other school programs. Students are often working on projects and collaborating in groups. Missed group work often times cannot be made up at a later time. The teachers and staff at HTMNC support a challenging and personalized curriculum. To receive academic credit for absences of five (5) days or more, students are required to have an independent study contract. To coordinate this contract parents must email Cindy Wallace (cwallace@hightechhigh.org) and their student's teachers at least two (2) weeks prior to the absence. Due to the nature of project based learning, contract work may not be the exact assignments a student would receive while attending class. This means that a contract will include current project and homework assignments with the addition of worksheets, essays, and reading. While completing work for a contract, students should be prepared to complete a significant amount of work while absent. All contract work is due the day students return to school.

Late Work Policy:

If more time is needed for projects, schedule an appointment during office hours and be prepared to be clear and honest why you need more time. (don't make excuses for procrastination)

If you turn in an assignment more than 2 days late then the highest grade you can get is a B.

Supplies

1. **Two 3-inch 3-ring binders (One for Humanities, One for Math/Sci)**- we will be doing portfolios for each project in first semester, so it is imperative that you organize your work into a binder.
2. **2 spiral notebooks for humanities**
3. **Writing utensil- pencil**- Have one with you **every** class!
4. **Paper** - You need to bring paper everyday.
4. **An independent reading book**- Read when you are finished early with an assignment in class.

***If a student is not able to procure any of the items on this list for whatever reason (no explanation necessary), then I will provide the materials at no charge.*

Donations: We also appreciate donations of the following items, but this is strictly voluntary.

The Constitution of the State of California requires that we provide a public education to you free of charge. Subject to certain exceptions, your right to a free public education means that we cannot require you or your family to purchase materials, supplies, equipment or uniforms for any school activity. If you have any questions/comments about this, please contact Juliet Mohnkern or myself.

Grading Policy:

Each assignment is based on a points system. The points vary with the assignment. For some final assignments, you will receive a comment on powerschool. The more points any assignment is worth, the more weight it carries with in your overall average.

90-100 A

80-89 B

70-79 C

60-69 D

Below 60- F

Timeline of Events & Content Covered This Semester:

Project Title	Math Topics	Science topics	Dates*
Semester 1			
Week of Inspirational Math & Team Building	WIM (Wk 1&2) Integers (Wk 3,4,5) <ul style="list-style-type: none"> • + - numbers • Operations with + - numbers <ul style="list-style-type: none"> ◦ Review + -, hit hard x / • Review absolute value • */ fractions and rational numbers (Distributive property. • Turning fractions into 	Mistakes grow your brain Synapses Grit Physics (Weeks 3-9) Potentially additional energy and matter from Chemistry and/or Biology	8/28-9/08 Weeks 3-9

<p>Skate for Change</p>	<ul style="list-style-type: none"> decimals <ul style="list-style-type: none"> o Without remainders (2 past the decimal) • Review of dividing fractions <p>Ratios and Proportional Relationships (Wk 6,7,8,9) Probability (Wk 10,11,12)</p>		
<p>Project Title</p>	<p>Humanities Concepts</p>	<p>Accompanied Readings</p>	<p>Dates*</p>
<p>Semester 1</p>	<p>2.0 Writing Applications 2.1 Write fictional or autobiographical narratives: a. Develop a standard plot line (having a beginning, conflict, rising action, climax, and denouement) and point of view. b. Develop complex major and minor characters and a definite setting. c. Use a range of appropriate strategies (e.g., dialogue; suspense; naming of specific narrative action, including movement, gestures, and expressions). 2.4 Write persuasive compositions: a. State a clear position or perspective in support of a proposition or proposal. b. Describe the points in support of the proposition, employing well-articulated evidence. c. Anticipate and address reader concerns and counterarguments</p> <p>Structural Features of Informational Materials 2.1 Understand and analyze the differences in structure and purpose between various categories of informational materials (e.g., textbooks, newspapers, instructional manuals, signs). 2.2 Locate information by using a variety of consumer, workplace, and public documents.</p> <p>Comprehension and Analysis of Grade-Level-Appropriate Text 2.4 Identify and trace the development of an author's argument, point of view, or perspective in text. 3.5 Contrast points of view (e.g., first and third person, limited and omniscient, subjective and</p>	<p>“They Fun They Had” by Isaac Asimov</p> <p>Independent Readings</p> <p>BOI (Book of Interest)</p>	<p>8/28-9/08</p> <p>Weeks 3-9</p>

	objective) in narrative text and explain how they affect the overall theme of the work.		
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***All class projects and dates listed above may be subject to change due to the nature of a project based learning environment.**

Muchas gracias por su interés en conocer un poco más de mi como Maestro (a) de su estudiante y nuestro plan de estudios, toda la información en mi Portafolio Digital está en Inglés. Si le gustaría obtener más información acerca de mi Portafolio Digital en Español ó si le gustaría saber mas acerca del plan de estudios en nuestro salón de clases. Favor de ponerse en contacto con Jocelyn Flores, nuestra Coordinadora de Alcance a la Comunidad y ella le puede ayudar. Su correo es jflores@hightechhigh.org ó por teléfono al 760-759-2746.

Thank you for your interest in learning more about me as a teacher (a) and our syllabus, all the information in my Digital Portfolio is in English. If you would like more information about my Digital Portfolio in Spanish or my syllabus. Please contact Jocelyn Flores, our Outreach Coordinator and she can help, her contact information is jflores@hightechhigh.org or by phone at 760-759-2746.

MRS. CASCIATO & MR. VISSER'S SYLLABUS SIGNATURES

Student Name (please print): _____

Parent Name (please print): _____

I have read the above syllabus and understand its contents.

Student signature: _____

Parent signature: _____