

ASTEME 2020-2021 HOMESCHOOL SCHEDULE AND INDIVIDUAL CLASS OPTIONS

K-2nd Grade Schedule

	Monday	Tuesday	Thursday	Friday
8:30-9:00	Advisory – Group	Advisory – Group	Advisory – Individual	Advisory – Individual
9:15-9:45	STEM Talk	STEM Talk	STEM Talk	STEM Talk
10:10-10:55	Math	Math	Math	Math
11:20-12:05	Language Arts	Language Arts	Language Arts	Language Arts
12:05-12:35	Lunch	Lunch	Lunch	Lunch
12:35-1:20	Science	Social Studies	Social Studies	Science
1:45-2:25 Elective #1	Spanish	Our Community	Rube Goldberg Makerspace	Tech 101
2:35-3:15 Elective #2	Mindfulness	LEGO Engineering	Art	Science of Cooking
Alternative Electives	1:45 Cardio Conditioning 2:35 Meditation	1:45 Strength Conditioning	1:45 Cardio Conditioning 2:35 Yoga	1:45 Strength Conditioning 2:35 Yoga

	Wednesday
9:00-10:00	All-school STEM Meeting
10:30-11:30	Office Hours Yoga Independent Projects
1:00-2:00	Office Hours Beginning & Intermediate Coding Classes (Scratch)

3rd – 4th Grade Schedule

	Monday	Tuesday	Thursday	Friday
8:30-9:00	Advisory – Group	Advisory – Group	Advisory – Individual	Advisory – Individual
9:15-9:45	STEM Talk	STEM Talk	STEM Talk	STEM Talk
10:10-10:55	Math	Math	Math	Math
11:20-12:05	Language Arts	Language Arts	Language Arts	Language Arts
12:05-12:35	Lunch	Lunch	Lunch	Lunch
12:35-1:20	Social Studies	Science	Science	Social Studies
1:45-2:25 Elective #1	Our Community	Spanish	Tech 101	Rube Goldberg
2:35-3:15 Elective #2	3D Design	Psychology: My Brain & Me	Science of Cooking	Art
Alternative Electives	1:45 Cardio Conditioning 2:35 Meditation	1:45 Strength Conditioning 1:45 Math Circle (Elementary) 2:35 Debate	1:45 Cardio Conditioning 2:35 Yoga	1:45 Strength Conditioning 2:35 Yoga

	Wednesday
9:00-10:00	All-school STEM Meeting
10:30-11:30	Office Hours Yoga/Independent Projects
1:00-2:00	Office Hours Beginning & Intermediate Coding Classes (Scratch)

5th – 6th Grade Schedule

	Monday	Tuesday	Thursday	Friday
8:30-9:00	Advisory – Group	Advisory – Group	Advisory – Individual	Advisory – Individual
9:15-9:45	STEM Talk	STEM Talk	STEM Talk	STEM Talk
10:10-10:55	Math	Math	Math	Math
	Language Arts	Language Arts	Language Arts	Language Arts
11:20-12:05	Language Arts	Language Arts	Language Arts	Language Arts
	Math	Math	Math	Math
12:05-12:35	Lunch	Lunch	Lunch	Lunch
12:35-1:20	Science	Social Studies	Social Studies	Science
1:45-2:25 Elective #1	Personal Management	Art & Art History	Art & Art History	Spanish
2:35-3:15 Elective #2	World Mythology	Science of Cooking	Psychology	3D Design
Alternative Electives	1:45 Cardio Conditioning 2:35 Meditation	1:45 Strength Conditioning 2:35 Debate	1:45 Cardio Conditioning 2:35 Yoga	1:45 Strength Conditioning 1:45 Math Circle (MS) 2:35 Yoga

	Wednesday
9:00-10:00	All-school STEM Meeting
10:30-11:30	Office Hours Yoga/Independent Projects
1:00-2:00	Office Hours Beginning & Intermediate Coding Classes Python

7th and up schedule

	Monday	Tuesday	Thursday	Friday
8:30-9:00	Advisory – Group	Advisory – Group	Advisory – Individual	Advisory – Individual
9:15-9:45	STEM Talk	STEM Talk	STEM Talk	STEM Talk
10:10-10:55	Language Arts	Language Arts	Language Arts	Language Arts
11:20-12:05	Math	Math	Math	Math
12:05-12:35	Lunch	Lunch	Lunch	Lunch
12:35-1:20	Social Studies	Science	Science	Social Studies
1:45-2:25 Elective #1	Art & Art History	Personal Management	Spanish	Art & Art History
2:35-3:15 Elective #2	Science of Cooking	World Mythology	3D Design	Psychology 101
Alternative Electives	1:45 Cardio Conditioning 2:35 Meditation	1:45 Strength Conditioning	1:45 Cardio Conditioning 1:45 Math Circle (HS) 2:35 Debate (7 th -10 th) 2:35 Yoga	1:45 Strength Conditioning 2:35 Yoga

	Wednesday
9:00-10:00	All-school STEM Meeting
10:30-11:30	Office Hours Yoga/Independent Projects
1:00-2:00	Office Hours Intermediate Coding Classes Python Improv

High School

	Wednesday
9:00-10:00	All-school STEM Meeting
10:30-12:30	High School Earth Science
1:00-2:00	Office Hours Intermediate Coding Classes Python Improv

Class Descriptions

Advisory 8:30-9:00AM – Available only to full and part-time students

Monday & Tuesday: Group Advisory

Thursday & Friday: Individual Meetings

- Cohorts to help connect with other students (15-20)
- Support students collectively and individually
- Provide collaboration opportunities
- Develop a growth mindset
- Socio-emotional support for parents and children
- 1-on-1 Teacher/Student time

STEM 9:15-9:45AM

Monday, Tuesday, Thursday & Friday

- Connect real world events to everyday life
- Pique curiosity and inspire kids in the fields of science, technology, engineering and math
- Each class is presented as a mini-TED STEM talk

Math 10:10-10:55AM

Monday, Tuesday, Thursday & Friday

- Classes offered from Kindergarten – Algebra 2
- All math classes will be held at the same time to allow for differentiation
- Cognitively Guided Instruction
- Project based learning
- Standards based curriculum
- High school credit

Language Arts 11:20-12:05PM

Monday, Tuesday, Thursday & Friday

- Classes offered from kindergarten – high school
- Our all language arts classes will be held at the same time to allow for differentiating
- Standards based reading and writing curriculum
- Project Based Learning

Science 12:35-1:20PM (Biology, Physics, Astronomy, Chemistry & Environmental Science)

5 different strands of sciences will be covered – Biology, Physics, Astronomy, Chemistry, & Environmental Science

Monday & Friday or Tuesday & Thursday

- Classes offered from kindergarten – high school
- Meets twice a week – days based on grade levels
- Interactive and multi-modality
- Students will be grouped in multi-grade level appropriate classes
- Standards based curriculum

High School Earth Science – Wednesday 10:30-12:30

This class is appropriate for students 8th grade and up who wish to receive high school credit for the Earth Science strand for graduating.

Social Studies 12:35-1:20PM

Social Studies (K-2) With a focus on developing social science skills and an awareness of identity as a citizen and as part of a community, students will learn subjects and skills like map and timeline reading, data analysis, and geography, and discuss diverse biographies and cultural history, through the lens of the US and California.

US History (3-4): Students will be introduced to the key figures and events in the history of our country and our state, and our past faults and successes, with an emphasis on celebrating cultural diversity, citizenship, and how to effect positive change for our country and community in the future.

US History (5-10): Students will approach US history from a global perspective, from the invention of democracy in ancient Greece, to the Revolutionary War, to our country's identity as a nation of immigrants. Diving deeper into underrepresented narratives, students will examine primary source documents, and analyze overarching trends and patterns in our nation's history.

Tuesday & Thursday or Monday & Friday

- Classes offered from kindergarten – high school
- Meets twice a week – days based on grade levels
- Standards based curriculum
- Interactive and multi-modality
- Students will be grouped in multi-grade level classes

Electives 145-2:25PM and Electives 2:30-3:15PM

Monday - Friday

Confirmed Electives:

- 3D Design (3 sections: 3rd – high school)
 - An incredible design class focused on teaching students how to use Tinkercad to create architecture, inventions, circuit boards, LEGO pieces, and much more! There will be opportunities for students to 3D print their objects.
- Art History (2 sections: 5th – high school, meets twice a week)
 - In this class, we will spend the first class of the week focusing on a specific topic in art history: an artist, technique, or art movement. The second class will be a hands-on art project relating to the week's topic. We will cover a variety of different media including drawing, painting, photography, performance art, sculpture and more.
- Cardio Training (2 sections: All students)
 - Come join us to learn how to increase your cardio endurance and overall fitness
- Coding (3 sections)
 - Intro (K-3rd) – Learn the foundation of coding using Scratch
 - Intermediate (3rd-6th) – Create challenging games and apps using Scratch
 - Python – (6th – high school) – Learn text-based coding using Python.
- Debate (2 sections: 5th- high school)
 - Come join us to learn about Lincoln-Douglas debates and how to be persuasive on both sides of an issue.
- Improv (1 section: 5th- high school)
 - Step out of your comfort zone and build confidence and public speaking skills while learning the secrets of improv acting. Students will have fun and build skills by creating one-of-a-kind sketches from different genres.
- Math Circle (3 sections up to high school)
 - An elective for math-minded students who want to go in-depth into the world of problem solving and higher-level thinking. Each of the sections will be differentiated. A social justice component will be part of the curriculum for older students.
- Meditation (1 section: All students)
 - Chill out, slow down, breath, and connect with your center.
- Personal Management (5th – high school)
 - Skills to manage time, finances, and life effectively will be covered in this executive functioning and life skills building class. Students will procrastinate less, stay organized more easily, and set clear time management and financial goals.

- Psychology (4 sections: K-high school)
 - K-2nd My Brain and Me: Our focus will be on learning about emotions, feelings, and what they do for us. This elective includes techniques to practice mindfulness and its usefulness in our daily life.
 - 3rd-High School: Our focus shifts from focusing on the brain and how we interact with the world around us to the interconnectivity between the brain, mind, and behavior in the higher grade levels.
- Spanish (4 sections: K-high school)
 - An introduction to Spanish that will focus on conversation, games, and culture.
- Science of Cooking (4 sections: K-high school)
 - One-part science, one-part cooking, and one-part geography. Join us for a fun, delicious trip around the world! The younger students may need some assistance with some of the mixing activities.
- Rube Goldberg (2 sections: K-4th)
 - Design and engineer contraptions, levers, traps, and more using your creativity and objects found around the house.
- Strength Training (2 sections: All students)
 - Come join us to learn how to become stronger using proven and safe exercise routines.
- TECH 101
 - Join us for a journey into the world of technology in the home – past, present, and future. Students will learn how different devices around the house work, in addition to learning about technology, and engineering and math.
- Our Community
 - Students will explore age appropriate challenges within the outside community and work collaboratively to seek out possible solutions such as fundraising, volunteering and more.
- World Mythology (2 sections: 5th- high school)
 - An incredible journey around the world and through time learning about mythology – Greek, Egyptian, Norse, Native American, and much more!
- Yoga (2 sections: All students)
 - Move, flow, breath, stretch, and relax with our yoga classes.

Important Dates

- June 15th – August 21st: Applications for School Year
- August 31st: First Day of Semester
- September 4: Teacher PD Day (no classes)
- September 7th : Labor Day (no classes)
- November 11th : Veterans Day (no classes)
- November 23rd – 27th : Thanksgiving Week (no classes)
- December 21st- January 1st: Winter Holiday (no classes)
- January 4th – January 8th: Parent Conferences (no classes): For full-time and part-time schedule students