

	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY
8:00 - 8:10	Drop Off (K-4th)	Drop Off (K-4th)	<b>8:00 - 8:10</b> Drop Off (K-4th) <b>8:10-8:20</b> Drop Off (5th-10th)  <b>8:30 - 9:15</b> All-School Meeting  <b>9:15 - 9:40</b> Snack  <b>9:45 - 10:30</b> <b>K-4:</b> Beginning Coding <b>K-2:</b> Engineering <b>3-4:</b> Graphic Novel Design <b>3-4:</b> <i>Logic and Reasoning</i> <b>5-10:</b> Botany <b>5-10:</b> Improv  <b>10:45 - 11:30</b> <b>K-4:</b> Improv <b>K-2:</b> Ecology <b>3-4:</b> Botany <b>3-4:</b> Engineering <b>5-10:</b> Intermediate Coding <b>5-10:</b> Art History <b>8-10:</b> Robotics  <b>11:30 - 12:25</b> Lunch  <b>12:30 - 1:15</b> <b>K-2:</b> Logic and Reasoning <b>3-4:</b> Ecology <b>5-10:</b> Anthropology/Sociology <b>5-10:</b> Yearbook <b>5-7:</b> Robotics  <b>1:30 - 1:40</b> Pick Up (K-4th) <b>1:40 - 1:50</b> Pick Up (5th-10th)	Drop Off (K-4th)	Drop Off (K-4th)
8:10 - 8:20	Drop Off (5th-10th)	Drop Off (5th-10th)		Drop Off (5th-10th)	Drop Off (5th-10th)
8:30 - 9:00	<a href="#">Advisory</a>	<a href="#">Advisory</a>		<a href="#">Advisory</a>	<a href="#">Advisory</a>
9:10 - 9:40	<a href="#">STEM</a>	<a href="#">STEM</a>		<a href="#">STEM</a>	<a href="#">STEM</a>
9:40 - 10:10	Snack	Snack		Snack	Snack
10:15 - 11:05	<a href="#">Math</a> / <a href="#">Language Arts</a>	<a href="#">Math</a> / <a href="#">Language Arts</a>		<a href="#">Math</a> / <a href="#">Language Arts</a>	<a href="#">Math</a> / <a href="#">Language Arts</a>
11:20 - 12:10	<a href="#">Math</a> / <a href="#">Language Arts</a>	<a href="#">Math</a> / <a href="#">Language Arts</a>		<a href="#">Math</a> / <a href="#">Language Arts</a>	<a href="#">Math</a> / <a href="#">Language Arts</a>
12:10 - 1:00	Lunch	Lunch		Lunch	Lunch
1:00 - 1:50	<a href="#">Science</a> / <a href="#">Soc. Studies</a>	<a href="#">Science</a> / <a href="#">Soc. Studies</a>		<a href="#">Science</a> / <a href="#">Soc. Studies</a>	<a href="#">Science</a> / <a href="#">Soc. Studies</a>
2:05 - 2:50	<b>K-2 Electives</b> Astronomy <i>Cardio Conditioning</i> Drawing Math Circle	<b>K-2 Electives</b> <i>Cardio Conditioning</i> Dance Science of Cooking Intro Spanish		<b>K-2 Electives</b> Forensic Science <i>Strength Conditioning</i> Yoga	<b>K-2 Electives</b> Health and Nutrition Printmaking <i>Strength Conditioning</i>
	<b>3-4 Electives</b> <i>Cardio Conditioning</i> Dance Music and Songwriting Forensic Science	<b>3-4 Electives</b> Astronomy <i>Cardio Conditioning</i> Drawing Math Circle		<b>3-4 Electives</b> <i>Health and Nutrition</i> Photography Intro Spanish <i>Strength Conditioning</i>	<b>3-4 Electives</b> Science of Cooking Printmaking <i>Strength Conditioning</i> Yoga
	<b>5-6 Electives</b> <i>Cardio Conditioning</i> Photography <i>Poetry</i> Science of Cooking	<b>5-6 Electives</b> <i>Cardio Conditioning</i> Music and Songwriting Personal Management Printmaking <i>Psychology</i>		<b>5-6 Electives</b> Astronomy Drawing Math Circle <i>Strength Conditioning</i>	<b>5-6 Electives</b> Forensic Science <i>Gender Studies</i> Spanish I <i>Strength Conditioning</i>
	<b>7-10 Electives</b> <i>Cardio Conditioning</i> Photography Psychology <i>Spanish I</i>	<b>7-10 Electives</b> <i>Cardio Conditioning</i> Forensic Science Poetry Printmaking		<b>8-10 Electives</b> Gender Studies <i>Personal Management</i> Music and Songwriting Science of Cooking <i>Strength Conditioning</i>	<b>8-10 Electives</b> Astronomy Drawing Math Circle <i>Strength Conditioning</i>
3:00 - 3:10	Pick Up (K-4th)	Pick Up (K-4th)		Pick Up (K-4th)	Pick Up (K-4th)
3:10 - 3:20	Pick Up (5th-10th)	Pick Up (5th-10th)		Pick Up (5th-10th)	Pick Up (5th-10th)

# KINDERGARTEN - 2ND GRADE

	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY
8:00 - 8:10	Drop Off (K-4th)	Drop Off (K-4th)	<b>8:00 - 8:10</b> Drop Off (K-4th) <b>8:10-8:20</b> Drop Off (5th-10th)  <b>8:30 - 9:15</b> All-School Meeting  <b>9:15 - 9:40</b> Snack  <b>9:45 - 10:30</b> <b>K-4:</b> Beginning Coding <b>K-2:</b> Engineering  <b>10:45 - 11:30</b> <b>K-4:</b> Improv <b>K-2:</b> Ecology  <b>11:30 - 12:25</b> Lunch  <b>12:30 - 1:15</b> <b>K-2:</b> Logic and Reasoning  <b>1:30 - 1:45</b> Pick Up (K-4th) <b>1:45 - 2:00</b> Pick Up (5th-10th)	Drop Off (K-4th)	Drop Off (K-4th)
8:10 - 8:20	Drop Off (5th-10th)	Drop Off (5th-10th)		Drop Off (5th-10th)	Drop Off (5th-10th)
8:30 - 9:00	<a href="#">Advisory</a>	<a href="#">Advisory</a>		<a href="#">Advisory</a>	<a href="#">Advisory</a>
9:10 - 9:40	<a href="#">STEM</a>	<a href="#">STEM</a>		<a href="#">STEM</a>	<a href="#">STEM</a>
9:40 - 10:10	Snack	Snack		Snack	Snack
10:15 - 11:05	<a href="#">Math</a>	<a href="#">Math</a>		<a href="#">Math</a>	<a href="#">Math</a>
11:20 - 12:10	<a href="#">Language Arts</a>	<a href="#">Language Arts</a>		<a href="#">Language Arts</a>	<a href="#">Language Arts</a>
12:10 - 1:00	Lunch	Lunch		Lunch	Lunch
1:00 - 1:50	<a href="#">Science</a>	<a href="#">Social Studies</a>		<a href="#">Social Studies</a>	<a href="#">Science</a>
2:05 - 2:50	<b>K-2 Electives</b> Astronomy Drawing Math Circle	<b>K-2 Electives</b> Dance Science of Cooking Intro Spanish		<b>K-2 Electives</b> Forensic Science Yoga	<b>K-2 Electives</b> Health and Nutrition Graphic Novel Design
3:00 - 3:10	Pick Up (K-4th)	Pick Up (K-4th)		Pick Up (K-4th)	Pick Up (K-4th)
3:10 - 3:20	Pick Up (5th-10th)	Pick Up (5th-10th)		Pick Up (5th-10th)	Pick Up (5th-10th)

## 3RD GRADE - 4TH GRADE

	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY
8:00 - 8:10	Drop Off (K-4th)	Drop Off (K-4th)	<b>8:00 - 8:10</b> Drop Off (K-4th) <b>8:10-8:20</b> Drop Off (5th-10th)  <b>8:30 - 9:15</b> All-School Meeting  <b>9:15 - 9:40</b> Snack  <b>9:45 - 10:30</b> <b>K-4:</b> Beginning Coding <b>3-4:</b> Graphic Novel Design <b>3-4:</b> Logic and Reasoning  <b>10:45 - 11:30</b> <b>K-4:</b> Improv <b>3-4:</b> Botany <b>3-4:</b> Engineering  <b>11:30 - 12:25</b> Lunch  <b>12:30 - 1:15</b> <b>3-4:</b> Ecology  <b>1:30 - 1:45</b> Pick Up (K-4th) <b>1:45 - 2:00</b> Pick Up (5th-10th)	Drop Off (K-4th)	Drop Off (K-4th)
8:10 - 8:20	Drop Off (5th-10th)	Drop Off (5th-10th)		Drop Off (5th-10th)	Drop Off (5th-10th)
8:30 - 9:00	<a href="#">Advisory</a>	<a href="#">Advisory</a>		<a href="#">Advisory</a>	<a href="#">Advisory</a>
9:10 - 9:40	<a href="#">STEM</a>	<a href="#">STEM</a>		<a href="#">STEM</a>	<a href="#">STEM</a>
9:40 - 10:10	Snack	Snack		Snack	Snack
10:15 - 11:05	<a href="#">Math</a>	<a href="#">Math</a>		<a href="#">Math</a>	<a href="#">Math</a>
11:20 - 12:10	<a href="#">Language Arts</a>	<a href="#">Language Arts</a>		<a href="#">Language Arts</a>	<a href="#">Language Arts</a>
12:10 - 1:00	Lunch	Lunch		Lunch	Lunch
1:00 - 1:50	<a href="#">Social Studies</a>	<a href="#">Science</a>		<a href="#">Science</a>	<a href="#">Social Studies</a>
2:05 - 2:50	<b>3-4 Electives</b> Music and Songwriting Forensic Science	<b>3-4 Electives</b> Astronomy Drawing Math Circle		<b>3-4 Electives</b> Health and Nutrition Photography Intro Spanish	<b>3-4 Electives</b> Science of Cooking Yoga
3:00 - 3:10	Pick Up (K-4th)	Pick Up (K-4th)		Pick Up (K-4th)	Pick Up (K-4th)
3:10 - 3:20	Pick Up (5th-10th)	Pick Up (5th-10th)		Pick Up (5th-10th)	Pick Up (5th-10th)

## 5TH GRADE - 6TH GRADE

	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY
8:00 - 8:10	Drop Off (K-4th)	Drop Off (K-4th)	<b>8:00 - 8:10</b> Drop Off (K-4th) <b>8:10-8:20</b> Drop Off (5th-10th)  <b>8:30 - 9:15</b> All-School Meeting  <b>9:15 - 9:40</b> Snack  <b>9:45 - 10:30</b> <b>5-10:</b> Botany <b>5-10:</b> Improv  <b>10:45 - 11:30</b> <b>5-10:</b> Intermediate Coding <b>5-10:</b> Art History <b>8-10:</b> Robotics  <b>11:30 - 12:25</b> Lunch  <b>12:30 - 1:15</b> <b>5-10:</b> Anthropology/Sociology <b>5-10:</b> Yearbook <b>5-7:</b> Robotics  <b>1:30 - 1:45</b> Pick Up (K-4th) <b>1:45 - 2:00</b> Pick Up (5th-10th)	Drop Off (K-4th)	Drop Off (K-4th)
8:10 - 8:20	Drop Off (5th-10th)	Drop Off (5th-10th)		Drop Off (5th-10th)	Drop Off (5th-10th)
8:30 - 9:00	<a href="#">Advisory</a>	<a href="#">Advisory</a>		<a href="#">Advisory</a>	<a href="#">Advisory</a>
9:10 - 9:40	<a href="#">STEM</a>	<a href="#">STEM</a>		<a href="#">STEM</a>	<a href="#">STEM</a>
9:40 - 10:10	Snack	Snack		Snack	Snack
10:15 - 11:05	<a href="#">Math / Language Arts</a>	<a href="#">Math / Language Arts</a>		<a href="#">Math / Language Arts</a>	<a href="#">Math / Language Arts</a>
11:20 - 12:10	<a href="#">Math / Language Arts</a>	<a href="#">Math / Language Arts</a>		<a href="#">Math / Language Arts</a>	<a href="#">Math / Language Arts</a>
12:10 - 1:00	Lunch	Lunch		Lunch	Lunch
1:00 - 1:50	<a href="#">United States History</a>	<a href="#">Science</a>		<a href="#">Science</a>	<a href="#">United States History</a>
2:05 - 2:50	<b>5-6 Electives</b>  Photography Poetry Science of Cooking	<b>5-6 Electives</b>  Music and Songwriting Personal Management Printmaking Psychology		<b>5-6 Electives</b> Astronomy Drawing Math Circle	<b>5-6 Electives</b> Forensic Science Gender Studies Spanish I
3:00 - 3:10	Pick Up (K-4th)	Pick Up (K-4th)		Pick Up (K-4th)	Pick Up (K-4th)
3:10 - 3:20	Pick Up (5th-10th)	Pick Up (5th-10th)		Pick Up (5th-10th)	Pick Up (5th-10th)

## 8TH GRADE - 10TH GRADE

	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY
8:00 - 8:10	Drop Off (K-4th)	Drop Off (K-4th)	<b>8:00 - 8:10</b> Drop Off (K-4th) <b>8:10-8:20</b> Drop Off (5th-10th)  <b>8:30 - 9:15</b> All-School Meeting  <b>9:15 - 9:40</b> Snack  <b>9:45 - 10:30</b> <b>5-10:</b> Botany <b>5-10:</b> Improv  <b>10:45 - 11:30</b> <b>5-10:</b> Intermediate Coding <b>5-10:</b> Art History <b>8-10:</b> Robotics  <b>11:30 - 12:25</b> Lunch  <b>12:30 - 1:15</b> <b>5-10:</b> Anthropology/Sociology <b>5-10:</b> Yearbook  <b>1:30 - 1:45</b> Pick Up (K-4th) <b>1:45 - 2:00</b> Pick Up (5th-10th)	Drop Off (K-4th)	Drop Off (K-4th)
8:10 - 8:20	Drop Off (5th-10th)	Drop Off (5th-10th)		Drop Off (5th-10th)	Drop Off (5th-10th)
8:30 - 9:00	<a href="#">Advisory</a>	<a href="#">Advisory</a>		<a href="#">Advisory</a>	<a href="#">Advisory</a>
9:10 - 9:40	<a href="#">STEM</a>	<a href="#">STEM</a>		<a href="#">STEM</a>	<a href="#">STEM</a>
9:40 - 10:10	Snack	Snack		Snack	Snack
10:15 - 11:05	<a href="#">Language Arts</a>	<a href="#">Language Arts</a>		<a href="#">Language Arts</a>	<a href="#">Language Arts</a>
11:20 - 12:10	<a href="#">Math</a>	<a href="#">Math</a>		<a href="#">Math</a>	<a href="#">Math</a>
12:10 - 1:00	Lunch	Lunch		Lunch	Lunch
1:00 - 1:50	<a href="#">Science</a>	<a href="#">United States History</a>		<a href="#">United States History</a>	<a href="#">Science</a>
2:05 - 2:50	<b>8-10 Electives</b> Music and Songwriting Photography Psychology	<b>8-10 Electives</b> Forensic Science Poetry Printmaking		<b>8-10 Electives</b> Gender Studies Personal Management Science of Cooking	<b>8-10 Electives</b> Astronomy Drawing Math Circle
3:00 - 3:10	Pick Up (K-4th)	Pick Up (K-4th)		Pick Up (K-4th)	Pick Up (K-4th)
3:10 - 3:20	Pick Up (5th-10th)	Pick Up (5th-10th)		Pick Up (5th-10th)	Pick Up (5th-10th)

## **Monday Electives**

### **K-2, Astronomy, AJ**

In this class we will unravel the mysteries of the universe! Students will learn about planets, normal black holes, supermassive blackholes, the Big Bang Theory and many other interesting astronomical phenomena. Students will hypothesize about alien life and what it might look like under different planetary conditions. We will consider theoretical astronomy like wormholes and things that relate to this like time travel teleportation.

### **K-2, Drawing, Lily**

Drawing is a form of visual art in which an artist uses instruments to mark paper or other two-dimensional surfaces. Drawing instruments include pencils, pen and ink, colored pencils, crayons, charcoal, pastels, erasers, and markers. Illustrations will focus on shapes, sketches, dimensions, and creative styles of drawing.

### **K-2, Math Circle, Hogan (IN-PERSON ONLY)**

Join us in our adventure as we complete projects and activities which proves that math is truly everywhere! We will dive into the real life applications of math, along with learning advanced STEM concepts and expanding our critical thinking and problem solving skills by playing games, using technology, creating art, exploring our neighborhood, and much more!

### **3-4, Forensic Science, Scott (IN-PERSON ONLY)**

Students will learn about the real science behind detective work, solve environmental mysteries, and discover subsets of forensics from handwriting and fingerprint analysis to DNA patching. They will sharpen their analytical and critical thinking skills as they delve into the world of forensics and become junior sleuths!

### **3-4, Music and Songwriting, Katrina**

Calling all musicians, singers, lyricists, performers, and music lovers!

This course focuses on developing oneself as a musical artist and collaborating with other musical artists. The course will develop based on the wonderfully unique talents of the students. We will listen to music from diverse genres and artists, spend lots of time writing lyrics/melodies, and collaborate and perform music while answering questions like:

What is the structure and function of a song?

How do I write meaningful lyrics?

What are melody and rhythm?

What is involved in recording and producing music?

### **5-10, Photography, Brian P. (IN-PERSON ONLY)**

Students will be introduced to controls and adjustments of the camera, learning to take quality photographs and continue improving those images through exposure, contrast, composition and proper focus , along with beginning to develop a personal style. Projects will include both digital photography, hand coloring photographs and photographic methods used two hundred years ago.

**5-7, Science of Cooking, Elizabeth**

Everytime you step into your kitchen to cook or bake, you put science to work. We will be exploring food science through molecular gastronomy. What reaction makes Popping Boba, Baked Alaska, and flavorful fruit leather? The best part is we get to eat it!

**8-10, Psychology, Allan**

Join us as we dive deep into the mind and psyche exploring how the mind works including phobias, ways to improve memory, video game addictions, and much more!

## **Tuesday Electives**

### **K-2, Intro Spanish, Andrew**

Students will be introduced to the five C's of foreign language education: communication, culture, comparisons, and communities. Students will engage in conversations, oral activities, and physical activities. The lessons are designed to teach the students introductory vocabulary including numbers, colors, and greetings that will help them make conversation with many people.

### **K-2, Science of Cooking, Elizabeth**

Everytime you step into your kitchen to cook or bake, you put science to work. We will be exploring food science through molecular gastronomy. What reaction makes Popping Boba, Baked Alaska, and flavorful fruit leather? The best part is we get to eat it!

### **3-4, Astronomy, AJ**

In this class we will unravel the mysteries of the universe! Students will learn about planets, normal black holes, supermassive blackholes, the Big Bang Theory and many other interesting astronomical phenomena. Students will hypothesize about alien life and what it might look like under different planetary conditions. We will consider theoretical astronomy like wormholes and things that relate to this like time travel teleportation.

### **3-4, Drawing, Lily**

Drawing is a form of visual art in which an artist uses instruments to mark paper or other two-dimensional surfaces. Drawing instruments include pencils, pen and ink, colored pencils, crayons, charcoal, pastels, erasers, and markers. Illustrations will focus on shapes, sketches, dimensions, and creative styles of drawing.

### **3-4, Math Circle, Hogan (IN-PERSON ONLY)**

Join us in our adventure as we complete projects and activities which proves that math is truly everywhere! We will dive into the real life applications of math, along with learning advanced STEM concepts and expanding our critical thinking and problem solving skills by playing games, using technology, creating art, exploring our neighborhood, and much more!

### **5-10, Printmaking, Brian P. (IN-PERSON ONLY)**

Together we will explore the history and many methods of printmaking, from the earliest cave paintings to the many forms of current printmaking. Our artmaking will consist of exploring safe methods of creating 'woodcuts', transfer printing, silkscreen printing and making monoprints. We will use organic and found objects in our printmaking, along with repurposing cardboard and wood as our canvas.

### **5-7, Music and Songwriting, Katrina**

Calling all musicians, singers, lyricists, performers, and music lovers!

This course focuses on developing oneself as a musical artist and collaborating with other musical artists. The course will develop based on the wonderfully unique talents of the students. We will listen to music from diverse genres and artists, spend lots of time writing lyrics/melodies, and collaborate and perform music while answering questions like:

What is the structure and function of a song?



How do I write meaningful lyrics?

What are melody and rhythm?

What is involved in recording and producing music?

**5-7, Personal Management, Brian S.**

Personal Management teaches students how to set goals, manage their time, stay organized, think critically and problem solve. Throughout our semester-long journey, we also learn about financial management, career planning, resume building, personal health, motivation and executive functioning skills. Various real world projects will accompany these lessons, including learning how to buy a car.

**8-10, Forensic Science, Scott (IN-PERSON ONLY)**

Students will learn about the real science behind detective work, solve environmental mysteries, and discover subsets of forensics from handwriting and fingerprint analysis to DNA patching. They will sharpen their analytical and critical thinking skills as they delve into the world of forensics and become junior sleuths!

**8-10, Poetry, Lauren**

Our poetry class will focus on putting our experiences into words and experimenting with meaning, sound, and rhythm. Using poets ranging from Shakespeare to Anne Carson to Kenneth Somethings, we will focus on ways in which our words have the ability to evoke specific emotional responses and be used to curate a concentrated experience.

## **Wednesday Electives (First Block)**

### **K-4, Beginning Coding, TBA**

### **K-2, Engineering, Elizabeth**

Creativity, critical thinking and project approach skills will all be used in our building activities. Wall coasters, Rub Goldberg machines, bridges and more.

### **3-4, Graphic Novel Design, Brian P.**

Students will create a graphic novel, both story and art, highlighting a social or personal issue. Students will create a story with a message to influence others about an issue they want to share. This class will combine storytelling, art, photography and book design.

### **5-10, Botany, Lauren**

This class will bring the outdoors to us. After being inside for over a year, we're going to venture back into the natural world, as we look at and discover the beauty and function of plants and nature. We'll get our hands dirty gardening, have moments to go outside and commune with nature, and study all matters pertaining to plants and soil health.

### **5-10, Improv, Lily and Emma (IN-PERSON ONLY)**

Improvisational theatre or improv, is the form of theatre, where most or all of what is performed is unplanned or unscripted: created spontaneously by the performers. Studies show that Improv has great psychological benefits to all children regardless of age and skill level; it provides students an opportunity to explore their intellectual, creative, and intuitive selves while promoting individual growth, responsibility, confidence, and leadership skills.

## **Wednesday Electives (Second Block)**

### **K-4, Improv, Lily and Emma (IN-PERSON ONLY)**

Improvisational theatre or improv, is the form of theatre, where most or all of what is performed is unplanned or unscripted: created spontaneously by the performers. Studies show that Improv has great psychological benefits to all children regardless of age and skill level; it provides students an opportunity to explore their intellectual, creative, and intuitive selves while promoting individual growth, responsibility, confidence, and leadership skills.

### **K-2, Ecology, Scott**

Students will learn about habitats, the animals that live in those habitats, ways that people can help protect our wild spaces and conserve our natural resources, and what they personally can do to help. This will include different activities than last year's ecology class so if your child enjoyed that one they will have even more fun this time around!

### **3-4, Engineering, Elizabeth**

Creativity, critical thinking and project approach skills will all be used in our building activities. Wall coasters, Rub Goldberg machines, bridges and more.

### **5-10, Art History, Brian P.**

Students will be exposed to the origins of photography in both scientific and a social perspective. We will track the advances of photography and how it affected the art world and how advances in the art world changed the direction of photography. Students will be introduced to artists, painters, sculptors and photographers, whose work influenced and crossed artistic boundaries.

### **5-10, Intermediate Coding - Python**

### **8-10, Robotics, Andrew (IN-PERSON ONLY)**

The objective of this course is to introduce students to the world of Robotics and steer them in a direction that cultivates creativity and imagination. Throughout this course students will be given the opportunity to design and work with a wide range of material to complete engineering projects. In this course we will cover robotic engineering, motion planning, artificial intelligence, machine learning, computer vision, and computer programming for robotics.

## **Wednesday Electives (Third Block)**

### **K-2, Logic and Reasoning, AJ**

Introduction to logic and reasoning will cultivate student's critical thinking skills through puzzles, problem solving, situation analysis, math puzzles and other brain games. We will dive into logical concepts like using process of elimination, useful board game strategies that can help you win in games such as Connect 4, Tic Tac Toe and Otrio.

### **3-4, Ecology, Scott**

Students will learn about habitats, the animals that live in those habitats, ways that people can help protect our wild spaces and conserve our natural resources, and what they personally can do to help. This will include different activities than last year's ecology class so if your child enjoyed that one they will have even more fun this time around!

### **5-10, Anthropology/Sociology, Lily and Emma**

Introduction to Anthropology & Sociology, both under social science. Anthropology is the scientific study of humanity, concerned with human behavior, human biology, cultures and societies, in both the present and past, including past human species. Social anthropology studies patterns of behaviour, while cultural anthropology studies cultural meaning, including norms and values. Sociology is the study of societies: social life, social change, and the social causes and consequences of human behavior. We will be exploring our impact and involvement on our societal issues, including group building to create stimulating conversations about humans as a species, our small/major impacts to society, and the change we wish to see in our human culture.

### **5-10, Yearbook, Hogan**

Help create ASTEME's first ever school yearbook! This class will be student run, giving students the opportunity and freedom to choose their own topics and design choices. Students will learn real life skills of journalistic photography, caption writing, effective design, project management, marketing, and much more!

### **5-7, Robotics, Andrew (IN-PERSON ONLY)**

The objective of this course is to introduce students to the world of Robotics and steer them in a direction that cultivates creativity and imagination. Throughout this course students will be given the opportunity to design and work with a wide range of material to complete engineering projects. In this course we will cover robotic engineering, motion planning, artificial intelligence, machine learning, computer vision, and computer programming for robotics.

## **Thursday Electives**

### **K-2, Forensic Science, Scott (IN-PERSON ONLY)**

Students will learn about the real science behind detective work, solve mysteries like “Who stole the pie?”, and discover subsets of forensics from handwriting and fingerprint analysis to DNA patching. They will sharpen their analytical and critical thinking skills as they delve into the world of forensics and become junior sleuths!

### **K-2, Yoga, TBA**

### **3-4, Intro Spanish, Andrew**

Students will be introduced to the five C’s of foreign language education: communication, culture, comparisons, and communities. Students will engage in conversations, oral activities, and physical activities. The lessons are designed to teach the students introductory vocabulary including numbers, colors, and greetings that will help them make conversation with many people.

### **3-4, Photography, Brian P. (IN-PERSON ONLY)**

Students will be introduced to controls and adjustments of the camera, learning to take quality photographs and continue improving those images through exposure, contrast, composition and proper focus , along with beginning to develop a personal style. Projects will include both digital photography, hand coloring photographs and photographic methods used two hundred years ago.

### **5-7, Astronomy, AJ**

In this class we will unravel the mysteries of the universe! Students will learn about planets, normal black holes, supermassive blackholes, the Big Bang Theory and many other interesting astronomical phenomena. Students will hypothesize about alien life and what it might look like under different planetary conditions. We will consider theoretical astronomy like wormholes and things that relate to this like time travel teleportation.

### **5-7, Drawing, Lily**

Drawing is a form of visual art in which an artist uses instruments to mark paper or other two-dimensional surfaces. Drawing instruments include pencils, pen and ink, colored pencils, crayons, charcoal, pastels, erasers, and markers. Illustrations will focus on shapes, sketches, dimensions, and creative styles of drawing.

### **5-7, Math Circle, Hogan (IN-PERSON ONLY)**

Join us in our adventure as we complete projects and activities which proves that math is truly everywhere! We will dive into the real life applications of math, along with learning advanced STEM concepts and expanding our critical thinking and problem solving skills by playing games, using technology, creating art, exploring our neighborhood, and much more!

### **8-10, Gender Studies, Lauren**

Chimamanda Ngozi Adiche has said, “We should all be feminists.” In this gender studies class, we will look at and challenge the ways in which society has told us what it means to be feminine. We will study the complexities of gender, class, identity, and ethnicity within the context of the institutions we’ve been brought up in with a specific focus on women’s studies and politics.

### **8-10, Music and Songwriting, Katrina**

Calling all musicians, singers, lyricists, performers, and music lovers!

This course focuses on developing oneself as a musical artist and collaborating with other musical artists. The course will develop based on the wonderfully unique talents of the students. We will listen to music from diverse genres and artists, spend lots of time writing lyrics/melodies, and collaborate and perform music while answering questions like:

What is the structure and function of a song?

How do I write meaningful lyrics?

What are melody and rhythm?

What is involved in recording and producing music?

### **8-10, Science of Cooking, Elizabeth**

Everytime you step into your kitchen to cook or bake, you put science to work. We will be exploring food science through molecular gastronomy.

What reaction makes Popping Boba, Baked Alaska, and flavorful fruit leather? The best part is we get to eat it!

## **Friday Electives**

### **K-4, Printmaking, Brian P. (IN-PERSON ONLY)**

Together we will explore the history and many methods of printmaking, from the earliest cave paintings to the many forms of current printmaking. Our artmaking will consist of exploring safe methods of creating 'woodcuts', transfer printing, silkscreen printing and making monoprints. We will use organic and found objects in our printmaking, along with repurposing cardboard and wood as our canvas.

### **K-2, Health and Nutrition, Katrina**

Come learn about the best ways to keep our minds and bodies happy & healthy! We will have fun with food and physical activity while learning about the inner workings of the human body. The primary goal of the course is to teach students habits that will help them maintain long-term physical health, positive thought, and great body image. We will answer questions like:

What is in the food I eat and where does it come from?

How do I reduce my anxiety?

Which body parts work together to help me swim, dance, or play video games?

### **3-4, Science of Cooking, Elizabeth**

Everytime you step into your kitchen to cook or bake, you put science to work. We will be exploring food science through molecular gastronomy. What reaction makes Popping Boba, Baked Alaska, and flavorful fruit leather? The best part is we get to eat it!

### **3-4, Yoga, TBA**

### **5-7, Forensic Science, Scott (IN-PERSON ONLY)**

Students will learn about the real science behind detective work, solve environmental mysteries, and discover subsets of forensics from handwriting and fingerprint analysis to DNA patching. They will sharpen their analytical and critical thinking skills as they delve into the world of forensics and become junior sleuths!

### **5-7, Spanish I, Andrew**

Students will be introduced to the five C's of foreign language education: communication, culture, comparisons, and communities. Students will engage in conversations, oral activities, and physical activities. The lessons are designed to teach the students introductory vocabulary including numbers, colors, and greetings that will help them make conversation with many people.

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## **Fall Semester Important Dates**

- Monday, August 30th: First Day of Fall Semester
- Monday, September 6th: Labor Day (No School)
- Tuesday, September 7th: Rosh Hashanah (No School)
- Thursday, September 16th: Yom Kippur (No School)
- Friday, October 15th: Teacher PD Day (No School)
- Thursday, November 11th: Veterans Day (No School)
- Monday, November 22nd - Friday, November 16th: Thanksgiving Break (No School)
- Monday, November 29th: School Resumes
- Wednesday, December 8th: Teacher PD Day (No School)
- Monday, December 13th - Friday, December 17th: Parent Conference Week
- Friday, December 17th: Last Day of Fall Semester
- Monday, December 20th - Friday, January 7th: Winter Break

## **Spring Semester Important Dates**

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|---|------------------------------|
| • Monday, January 10th:                   | First Day of Spring Semester |
| • Monday, January 17th:                   | Martin Luther King Jr. Day   |
| • Monday, February 21st:                  | Presidents' Day              |
| • Thursday, March 17th:                   | Teacher PD Day (No School)   |
| • Friday, April 8th:                      | Teacher PD Day (No School)   |
| • Monday, April 11th - Friday, April 15th | Spring Break (No School)     |
| • Monday, April 18th:                     | School Resumes               |
| • Tuesday, May 3rd:                       | Teacher PD Day (No School)   |
| • Wednesday, May 18th:                    | Teacher PD Day (No School)   |
| • Monday, May 23rd - Friday, May 27th     | Parent Conference Week       |
| • Friday, May 27th                        | Last Day of Spring Semester  |
| • Monday, June 13th                       | Summer Camp Begins           |