

INFUSION COURSES

2020-2021

If you'd like to see all the videos in one place, please visit: www.tinyurl.com/InfusionPreview

| 3RD - 6TH GRADE COURSES | | |
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| Course Name | Description | Video Preview Link |
| Optical Illusion Art | <p>This course will teach students how to hand draw several different optical illusions using precision, various mathematical tools, and creativity. You will create amazing pieces of art while becoming a master of math tools, including protractors, compasses, and rulers. A challenge to math and art minds alike!</p> <p><i>Supplies are needed for this course. Please see online links or click here.</i></p> | No Video Available |
| The Zoo Inside You! | <p>This course focuses on the development of personality and understanding individual traits. Using fun measurement tools, students will gain a new understanding of their unique perspectives and experiences. This course is a great way to explore what makes everyone different and grow in awareness of the others.</p> | Video |
| Build, Code & Create: Edison Robots | <p>Learn to code Edison robots to perform a wide variety of tasks. Coding programs are designed for beginners primarily. Use the blocks to build the code, variables to adjust the code, and try writing code using provided examples to enhance your learning. Design your Edison using Legos®, cardboard or other creative item to contribute to your culminating project.</p> <p><i>An Edison Robot is needed for this class. Please see www.meetedison.com.</i></p> | Video |

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| <p>Journal In Color</p> | <p>This class is for the students who doodle, daydream and design in their spare time. Students will develop basic color theory skills and learn introductory sketching techniques. Different types of journaling will also be introduced and students will get an opportunity to explore what fits their style. Explore the color of words, journals and the world around us!</p> <p><i>Supplies are needed for this course. Please see online links or click here!</i></p> | <p>Video</p> |
| <p>Through the Looking Glass</p> | <p>Ever noticed someone who is really really smart, and then they become the King or Queen of Drama when something doesn't go their way? Maybe that person is you? Science has some really important things to say about the above scenario, including that people might have a high IQ but rate low in the emotional scale, known as Emotional Intelligence (EQ). One thing science tells us is that EQ is worth twice that of IQ! How can that be? Increase EQ so you can maximize IQ in this fascinating course!</p> | <p>Video</p> |
| <p>It's Elementary, My Dear Watson</p> | <p>Like to solve puzzles? This is the perfect fit! Students will read <i>The Westing Game</i> together, solving puzzles along with Sam Westing's heirs as they try to discover the big secret. Each lesson will bring logic puzzles of its own and participants will create their own puzzles to share, develop a detective notebook, and share in the mystery.</p> <p><i>Supplies are needed for this course. Please see online links or click here!</i></p> | <p>Video</p> |

5TH - 8TH GRADE COURSES

| Course Name | Description | Video Preview Link |
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| <p>Heroes & Villains: Foundations of a Myth</p> | <p>Students will engage with the gods, goddesses, monsters, heroes, and stories that make up Greek mythology. Classes will cover stories about how the Greeks believed the earth was created, why the seasons change, and why people do the things that they do. Dig deeper into these myths, discuss how they have influenced us today, and explore some of the vocabulary from the Ancient Greeks that has made its way into modern language.</p> | <p>Video</p> |
| <p>Oceans & Seas</p> | <p>A cross curricular learning experience that covers a wide range of concepts and subjects all focused on the ocean. Participants will try their hand at writing poetry, explore space and astronomy, use computer programming, develop their own video, view famous artwork, and create their own website. This is a great course for any student that is interested in the ocean and wants to explore new concepts.</p> | <p>Video</p> |
| <p>IQ & U = EQ</p> | <p>What happens when we combine intelligence with personality and life experience? Emotional Intelligence! Science has some amazing insight into how emotional intelligence impacts a person's goals, achievements, and level of happiness. This class delves deeper into what this means for each individual and encourages personal exploration and development of EQ.</p> | <p>Video</p> |
| <p>Seeing the Unseen</p> | <p>Fractals exist all around us--in foods, flowers, and even the structure of the human body. Students will explore fractals in line art, create fractal music, and explore how fractals can become art in their own right. Explore real-world uses and create a variety of fractals</p> | <p>Video</p> |

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| | <p>from the ground up. This description is only a fractal of the whole experience!</p> <p><i>Supplies are needed for this course. Please see online links or click here!</i></p> | |
| <p>Building with Briggs</p> | <p>Personality traits evolve over a lifetime and the best of your personality is often playing hide-and-seek with you! Students will engage with the Meyers-Briggs personality development test and explore what different traits mean, what that looks like in school and careers, and how personalities continue to change through maturity. Discover the building blocks of personality development in this intriguing course.</p> | <p>Video</p> |
| <p>So Much on My Plate</p> | <p>How do we decide what to eat? How do we know whether those choices will meet our needs for fuel and nutrients and keep up healthy? How do our food choices affect others and the Earth? And how do we evaluate the many conflicting popular messages about food and eating? Let's dig in -- cooking skills not required!</p> | <p>Video</p> |

7TH - 10TH GRADE COURSES

| Course Name | Description | Video Preview Link |
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| Divinely Digital | <p>Students will delve into the world of computer science and contemporary design. Lessons will explore coding and design through video game design, graphic art, phone app development, and more. This course will provide students with an introductory lesson in a wide range of concepts and skills focused on using computer science to create. Extensions are available for lessons which students may have familiarity.</p> | Video |
| Map Me! | <p>Been checking out the data maps on COVID-19? This is the course for you! Data is visually displayed in multiple forms from population density to income maps to areas affected by natural disasters and fires. This information affects daily interactions and decisions of both individuals and organizations. Students will examine data displays from numerous sources and will explore layering data, gathering their own data set, and drawing conclusions using ArcGIS/ESRI and Survey123 tools.</p> | Video |
| A Sword A Stone, and a Story: Legends of King Arthur | <p>Explore the magic of the Middle Ages in this overview of the Legends of King Arthur. Students will dive into the elements of medieval stories that shape Arthurian Legends and discover Knights, Camelot, and the Age of Chivalry. What makes a story a legend? Everlasting?</p> | Video |
| Hues & Inks | <p>Life comes in color with shades across the color wheel. Come explore painting, doodling, and color theory. Students will try their hand at various sketching techniques and experiment with what suits their unique style. We will play with colors and test out different kinds of journaling. Discover the perfect color</p> | Video |

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| | <p>scheme and journal it!</p> <p><i>Supplies are needed for this course. Please see online links or click here!</i></p> | |
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