



RAIL 5-8 2020

Class Descriptions



Session 1

Card Sharks (5th/6th, 7th/8th)

A RAIL favorite! In this class you will learn card games you can play by yourself, games you can play with friends, and games you can play at your next family game night! Along with some fun games, there will be some card building and magic sprinkled in!

Fun Dog Facts (5th/6th, 7th/8th)

This class will be doggone interesting! You will learn about many kinds of dogs....pets, service dogs, police dogs, detection dogs, military working dogs, therapy dogs, etc. You will also learn that owning a dog is more than feeding and taking cute pictures! Learn how to be a responsible dog owner and what it takes to train a therapy dog. **Please note: Class participants will get to meet and interact with a real therapy dog.**

Cardboard Box Arcade (5th/6th, 7th/8th)

Inspired by "Cain's Arcade: A boy's cardboard arcade that inspired the world". You will be challenged to design an arcade game made from recycled materials. On the last day, we will invite others to play our games.

Coding/Robots (5th/6th, 7th/8th)

Come have fun while learning more about coding! We will start with code.org and Google CS First coding on Chromebooks. We will then extend our skills by doing coding challenges with Cue and Sphero Robots.

Amazing Earth & Beyond (5th/6th, 7th/8th)

This project based learning class will allow students to use creative thinking to explore the wonders of the earth, oceans, planets and beyond. Hands on projects will include building volcanoes, rockets, Cartesian divers and more.

Just Relax (5th/6th, 7th/8th)

This class will teach kids different ways to relieve stress. Puzzles, yoga, exercise, coloring and making stress relieving tools are a few examples of activities that will help us learn to Just Relax!

Walk Like An Egyptian 1 (5th/6th, 7th/8th)

For this class students will learn about the wonders of Ancient Egypt. They will learn about pyramids, pharaohs, landmarks, interpreting hieroglyphics, and archeology. The students will also learn about deities important in the Ancient Egyptian culture to help them better to interpret the Hieroglyphics. They will use the skills they learn and practice a hands-on excavation of their own with their team. They will practice the preservation and cataloging techniques practiced by archeologists.

Book Making (5th/6th, 7th/8th)

This class will bring out the author and illustrator in you! Participants will create and publish their very own book!

Perfect Puzzles (5th/6th, 7th/8th)

If puzzles are your thing, this is the PERFECT class for you! You will have opportunities to stretch your mind by working on a variety of different puzzles: word search, crossword, sudoku, table top, tangrams, and more!

SBI- Student Bureau of Investigation (5th/6th, 7th/8th)

This class will focus on answering questions by doing simple science experiments. Students will be asked to make written observations as they do the experiments

Ugly Dolls (5th/6th, 7th/8th)

Ugly dolls? Yes! In this class, you will make a pattern of a favorite character, transfer it to felt, stitch it up, and stuff it. You will learn a few stitches and how to sew on a button too. Bring your imagination!

Video Production (5th/6th, 7th/8th)

Get ready to show off your creative side. In this class you will be producing your very own movie. We will learn about and use green screen, iMovie, and stop motion techniques to make our movies the best they can be.

Lego Mindstorm Robotics (5th/6th, 7th/8th)

In this class students will get to build their own Lego robots. Then control by creating your own computerized coding.

Basic Sewing and Knitting (5th/6th, 7th/8th)

Students will learn the basics of sewing and knitting. They will have the opportunity to hand-sew simple projects such as headbands, decorative bunting, and more. They will learn the basics of operating a sewing machine to sew a larger project. Students will learn how to use a hat loom and knitting needles to make hats and knitted bookmarks. Learning these basic skills can develop into lifelong hobbies!

Moving West (5th/6th, 7th/8th)

This class will feature a life size, interactive, role playing of the Oregon Trail. Students will work in a "wagon train" to solve problems and scenarios to help them move throughout the board and reach their destination. This class promotes teamwork and problem-solving skills

to help them along the way while incorporating fun and interactive methods.

Creative Journaling (5th/6th, 7th/8th)

Do you love color and images and words? Come to this art journaling workshop where we will be trying out different journaling techniques and experimenting with all types of media--watercolors, gel pens, colored pencils, and more!

Outdoor Adventures (5th/6th, 7th/8th)

****This is a 3 hour class (8:30-11:30), open to the first 35 students registered.**

The Outdoor Adventures class is designed to get students interested and engaged in the great outdoors while incorporating science and active learning.

Students will need to have a bicycle that is in working order. Students will be expected to be able to bike up to 10 miles at a comfortable pace. All students must bring a properly fitted bike helmet to class.

Backyard Bonanza (5th/6th, 7th/8th)

****This is a 3 hour class (8:30-11:30), open to the first 25 students registered.**

Tired of sitting inside watching TV or playing video games? This is the perfect class for you! The outdoors and our backyards are full of entertaining possibilities. Students will learn a variety of yard games such as bean bags, Ladder and Frisbee golf, Kubb, Bocce, washers, horseshoes and Disc Dunk. We will also explore power walking, orienteering, building debris huts and gardening.

RAIL 5-8 Session 2

Board Games Galore (5th/6th, 7th/8th)

Learn strategies and rules of classic board games and learn some new ones too! Bring your good sportsmanship and positive attitude for an hour of fun game-playing techniques!

Team Building (5th/6th, 7th/8th)

This is a very active class where you will learn how to work together and show good sportsmanship as we play a variety of indoor & outdoor sports and team activities.

Art on the Bus (5th/6th, 7th/8th)

Art on the Bus is a public art project in collaboration between Eau Claire Transit and area public schools. In this class, you will create art work for bus #525. This art Exhibition will be on the bus for one year! This will be the 8th year RAILS is participating!

Walk Like An Egyptian 2 (5th/6th, 7th/8th)

This is not a repeat of session 1. For this class students will learn about the wonders of Ancient Egypt. They will learn about pyramids, pharaohs, landmarks, interpreting hieroglyphics, and archeology. The students will also learn about deities important in the Ancient Egyptian culture to help them better to interpret the Hieroglyphics. They will use the skills they learn and practice a hands-on excavation of their own with their team. They will practice the preservation and cataloging techniques practiced by archeologists.

Construction Club (5th/6th, 7th/8th)

Put your engineering skills to the test with this hands on class! You will use many modes of building including some your favorites...Legos & Lincoln Logs,

Photoshop Fun (5th/6th, 7th/8th)

Have fun exploring all the cool features of Adobe Photoshop to create photographic masterpieces. Bring your creativity, and a little sense of humor too!

Yarn Bombs (5th/6th, 7th/8th)

Yarn Bomb? What is Yarn Bombing? It is the art activity of covering an everyday object with yarn. In this cool class, you will learn to

crochet, braid on a circle loom, finger knit, make ojo's de dios weavings, and wrap objects. Then, with our creations, we will cover a piece of playground equipment, transforming it from ordinary to extraordinary!

Create-a-Civilization (5th/6th, 7th/8th)

Students will create their own unique civilization. To accomplish this, they will create a flag, currency, government, maps, and a national anthem. The students will also look at natural resources and practice world trade with other civilizations in the class. This class will allow students to showcase their creativity while learning about key concepts important in social studies. The use of technology and hands on instruction will allow a variety of learners to thrive in the class atmosphere.

Creative Power Hour (5th/6th, 7th/8th)

****This is a 2 hour class open to the first 30 students registered for each grade level (5/6 and 7/8).**

Students will spend 2 blocks of their Rail Camp Day solving instant challenges, designing, testing and completing a Rube Goldberg Machine, and exploring coding. The goal is to be creative, collaborative, learning something new and have a great time doing it!