

COURSE DESCRIPTIONS Spring 2020

3D Printing with Minecraft: Grades 2 – 4

Instructor: The Digital Arts Experience

In this class, students will have projects to create stunning landscapes, architectural structures, buildings and other designs in Creative Mode of Minecraft. Then, students will learn to use a program called “Mineways” in which they will be able to export their designs and 3D Print them to take home! Students will learn about

3D Printing and how to properly & safely use the 3D printer.

Advance Chess: Grades:1-4

Instructor: NSCF

Come along and play chess with us. This is an advanced chess class where students will dive deeper into the game of chess. Students will learn how to develop a start middle and end game. This class is only for students who can play basic chess with no instruction.

Chess for Beginners: Grades K – 4

Instructor: Recreation Staff

Learn to play the Royal Game!! This class is intended for players who would like to learn the game of chess or who would like to gain a little more confidence playing the game. Students will learn basic strategies of the game. No experience required.

Global Culture and Crafts: Grades K-2

Instructor: Blendid

This popular program will prepare students to become global citizens by introducing them to diverse cultures found around the world. Inspired by what they've learned, students will use their imagination to create a cultural souvenir to take home. These will be made using a variety of art media, such as clay, paper, acrylic paint and beads, foam balls, and pipe cleaners.

Just Desserts: Grades K – 4

Instructor: Recreation Staff

Students will learn to make fun and exciting desserts that are easy to replicate at home. After preparing the fun treats they will get to sample their hard work.

Junior Rockets: Grades: K-2:

Instructor: Steam Blazer

This unit is designed to introduce younger students to the job of an engineer, the field of engineering, and basic concepts of engineering as it relates to the science of aircraft and spacecraft. Through open and focused exploration, students will design and construct their own rockets, parachutes, and hot air balloons.

Next Level Magic: Grades 1 – 4

Instructor: Barbara Magic (Hocus Pocus Magic Shop)

Apprentice yourself to a world-class magician! Join us for the second session in the series. Good for both experienced and new magicians alike! Add an entire new set of tricks to your magic playbook! The small group approach to instruction will ensure that you're on your way to magical fame. Includes all necessary tricks and props, which are yours to keep

Outdoor Adventure: Grades 1 – 4

Instructor: Recreation Staff

Get out and enjoy Hillside Woods. Students will go on a scavenger hunt, fishing, hiking, and learn the art of marshmallow roasting! These are just a few of the fun activities they will truly enjoy.

Robo-Think: Robotics: Grades K-2, 3-4

Instructor: Robo-Think

Join Robo-think's fun and exciting robotics class. Build robots with modular parts and make them move using sensor, motors and electronics. Weekly step-by-step projects introduce engineering concepts through engaging activities and challenges. Robo-Think is a hands-on learning experience where kids maximize self-learning and discover that building robots is easy, educational and fun.

Rockets and More: Grades 3-4

Instructor: Steam Blazer

Students use the Engineering Design Process to design, create, test, and refine a variety of flying machines. They construct a shock absorbing system designed to protect two marshmallow astronauts in a lunar vehicle, create their own air-powered rockets, and assemble a model blimp that takes flight!

Sports & Games: Grades 1-4

Instructor: Recreation Staff

Join this exciting new class where every week will be a new and exciting game. Each class students will play a different game or explore a different sport. Some examples are tag, kickball, soccer and much more.

Sew Happy Sewing: Grades: 1 - 4

Instructor: Sew Happy USA

Learn the life skill of sewing while working on a fun “Llama drama” project inspired by the art and culture of south America. Students will learn the basic techniques of sewing (like threading a needle and tying a knot) and progresses from there. Not only is it great for hand/eye coordination, fine motor skills, focus and concentration, it also gives kids a lifetime vehicle for personal and creative expression!

Spring Forward Arts & Crafts: Grades K – 4

Instructor: Recreation Staff

In this seasonally themed crafting class, students will create a variety of springtime -themed crafts! From colorfully decorated picture frames, to spring-designed keepsake boxes, students will have an exciting time as they welcome the spring.