

COURSE DESCRIPTIONS Winter 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.

Cupcake Decorating: Grades: K – 4

Instructor: Recreation Staff

Kids will have the opportunity to decorate cupcakes that resemble animals, food and other fun designs. Children will combine store bought candy and edible decorations to turn ordinary cupcakes into creative treats.

Electronic Game Design: Grades: 3-4

Instructors: Engineering for Kids STEAM Blazers

In this program students will have an opportunity to create their own video game in this fun, stimulating electronic game design program. Students will be introduced to the awesome world of video game creation in a non-competitive, step-by-step process. After learning how to make a game. Students will take home a copy of their final project to play at home.

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.

Happy Sewing: Grades: 1 - 4

Instructor: Sew Happy USA

Learn the life skill of sewing while working on a fun creative project making a handheld fox stuffed animal. Students will learn the basic techniques of sewing (like threading a needle and tying a knot) and progress 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.

Junior Engineer Explorer: Grades: K-2

Instructors: Engineering for Kids STEAM Blazers

This program introduces young engineers to the basic concepts of engineering from a variety of engineering fields. Through open and focused exploration, children will design and construct several engineering projects.

The Magician's Apprenticeship: Grades 1- 4

Instructor: Barbara Magic (Hocus Pocus Magic Shop)

Apprentice yourself to a world-class magician! Learn the basics of magic including cards, coins, ropes and much more. 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 (retail value \$300).

Outdoor Adventure: Grades 1 – 4

Instructor: Recreation Staff

Get out and enjoy Hillside Woods. Weather permitting students will hike through hillside woods while exploring nature and learning basic cold weather survival skills. Some activities may include first aid training, snow shoeing, building a safe fire, and identifying animal tracks. Students should dress appropriate for cold and snowy weather including wearing boots.

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.

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.

Winter Wonderland Workshop: Grades K – 4

Instructor: Recreation Staff

Enjoy the wonders of winter with this crafting workshop. Students will create fantastic and exciting projects, such as custom snow globes and personal snowflake sculptures to bring the feeling of winter indoors.