

## Class Ideas

### Art

**Dream Catchers**-create and customize your own dream catcher inspired by Native Americans culture. Each student will create a hand-crafted dream catcher that combines materials inspired by the Native American culture, things found in nature, and personal items from everyday life that reflect each person's unique dream experiences

**Mosaic Madness**-Students will create individual mosaics. Students will learn how to cut, glue and arrange pieces of stained glass to create a beautiful mosaic

**Sculpting with Clay**-use and experiment with all different types of media including clay, wire, and wood to create your own unique artwork. Make all kinds of art from fantasy creatures to jewelry boxes to wire figures.

**Themed Art Projects**-connect texts, animals, nature, artists to art projects. Examples include:  
**Artsy Animals**-do you love animals and art? Let your imagination run wild as you paint, collage and draw your favorite animals! Resources could include nonfiction and fiction texts about animals as well as artists who make art about animals. **Animal Kingdom (Under the Sea)**-learn fascinating facts about the animals that live in the sea and use your creativity to make art projects of different kinds of fish, crabs, jellyfish, octopus, and even a starfish! **Art Around the World**-learn about a new continent through art.

**Yarn Art/Building with Everyday Objects**-learn how to make all kinds of crafts with just things you find around your house. Students will work collaboratively to build structures with everyday objects such as newspaper, toothpicks, masking tape, clay, and straws. Students will complete hands-on, open-ended projects that require teamwork and creativity.

**Kool Aid Creations**-learn to make arts and crafts projects including play dough, sidewalk chalk, and finger paints using Kool-Aid as an ingredient.

**Outdoor Garden Creations**-projects include but are not limited to, decorating flower pots, birdhouses, and even rocks!

**Painting Projects**-have the chance to explore different painting techniques and mediums while creating various projects

**Painting with Acrylics**-paint on canvas, learn about mixing colors, composition and more!

**Cartooning**-learn the basics of cartooning and animation while developing your own story!

**Paper Mache**-learn to make sculpture out of paper mache. After selecting an object to sculpt, use newspaper and masking tape to construct a form. Paint and add embellishments to complete your sculpture.

**Jewelry Making**-learn how to make your own jewelry using a variety of materials. Make beaded necklaces, colorful friendship bracelets, and even your own keychain! Learn creative ways to

use things around your house to make fun and easy jewelry. If you need something to store all your new jewelry in, you can design and make your own custom jewelry box.

Dare to Draw-Students will work on drawing skills to promote improvement. Time will be spent on portraits, landscapes, still lives and animals. Drawing exercises will also be utilized. Photography with ipads will also be utilized in drawing exercises.

### **Science and Math**

Soap Making-discover how to make your own soap using a variety of melt and pour soaps. Different methods are used to create a variety of soaps using coloring, fragrances, oils and scents. Some methods include adding objects in the soap for a surprise as you wash.

Chemistry for Kids-discover the wonders and fun of chemistry. Discover what chemical changes happen all around us every day. Build a volcano, write a letter with invisible ink, and much more!!

Diggin Dinosaurs-students will learn all about the “ancient lizards” which ruled the earth so many years ago. From the longnecks to the sharp teeth, you will meet them all. Find out what they liked to eat, how big they were, and where they all went. Play dinosaur BINGO, make a dino-mobile, dino fossils, and even make a dino snack and more!

Straws, Gumdrops, Marshmallows and Math-you can be a math wizard. Using everyday materials, you can easily learn the tricks of addition, subtraction, multiplication, and division. You can even eat the answers!

Safari Adventures-put your explorer hat on and journey to the African Savannah to learn about the land and the animals. Learn about the unique plants and animals including wildebeests, gazelles, zebras, and buffalo that call Africa their home.

Mad Scientist-explore the fascinating world of science in this hands-on class. Students perform various experiments including growing crystals, using chemistry to make ice cream, exploding volcanoes, quicksand and much more!

Volcano Madness-learn all about volcanoes! How they are created, how and why they erupt, and how lava flows. Students will learn hands on about lava flow and how Islands are created. Students will create their own volcano and make it erupt!

Model Building with LEGOs-explore the world of making simple machines with LEGOs. Build toys and understand how things work by constructing your own inventions.

Grossology-great gobs of green gook! If you like your science icky, sticky or just plain gross, this is the class for you! Ooze into investigation the yucky side of science-making exploding dough and things so slimy even you won't know what to do with them.

Crazy 8's-<https://crazy8s.bedtimemath.org/home/what> (After school only)

Clubs run 1 hour weekly over 8 consecutive weeks during the school year only. Kits are available for K-2nd grade and 3rd-5th grade.

Ultimate Frisbee and Physics-

### **Physical Fitness**

Sports Galore-if you love sports and have lots of energy, this is the class for you. Learn the fundamentals of ....

Yoga-learn basic yoga posture and discover the physical and emotional benefits of yoga. Discover how yoga can help you relax and enhance your physical performance in sports as well encourage a healthy lifestyle.

Bowling-could include a trip to East Main Lanes right here in Sidney!

Water Activities-everything but the pool! Sprinklers, slide n slide, etc

Geocaching is the recreational activity of hunting for and finding a hidden object by means of GPS coordinates. Students will use a GPS unit to "hunt" hidden caches. Students will also learn different types of caches and what the process is in making one and placing it out for public.

Nature, Weather, Insects and More!-take advantage of the great outdoors available right here at Sidney Central School District including a one mile walking trail.

### **Cooking**

Morning Chef-It's breakfast time! Learn to make omelets of all favors, homemade cinnamon rolls, breakfast pizza, french toast, and more

Delicious Art-learn how to make candy sushi, edible bracelets, peanut butter play dough and decorate cookies. Keeping in mind presentation is everything!

Foods Around the World-Students will be learning about various countries. Each day, students will study a different country. Students will learn about foods eaten in each country, read to learn information about the country, prepare a food commonly eaten in that country, and complete a project associated with each country to reflect what they have learned.

Cinco De Mayo-Students will learn about the Mexican holiday Cinco De Mayo and some foods that are eaten during this celebration. During this class we will be making things like; quesadillas, salsa, guacamole and chips, tacos and a Mexican dessert.

Beginning Baking-In this class, we'll learn how to make some kid friendly desserts and snacks. Students will make things like, brownies, cornbread with honey butter, ice cream sandwiches and other snacks. Students will learn baking terms and how to follow recipes and measure ingredients using math skills.

Other Cooking Ideas: <https://www.wholefoodsmarket.com/service/just-kids> ,  
<http://www.chobani.com/nutritioncenter>

Gardens and Cooking-utilize the resources in our own Sidney CSD gardens as well as other local opportunities-Hellers, Farmers Market or Frog Pond to name a few!

### **Games**

Minecraft Creations-if you love the game of Minecraft, then this is the class for you! Students will create and build their own world out of textured cubes. Students will explore and gather resources as well as learn survival skills and more. This is a create and build craft class. This is not a computer class.

Monster Survivor-after being assigned to a tribe, students participate in "survivor" like competitions. Tribe competitions include a trivia bee, freaky food contest, mummy wrap, monster races, and other age appropriate tests of courage and survival skills.

Game Show Mania-are you a game show fan? Join us for this entertaining, interactive class featuring all your favorites. We will also challenge our memories with Scene-It and Pictionary. Learn what it is like being a player and contestant and win fun and exciting prizes too!

Games of Skills and Strategy-Students learn problem solving strategies and skills through playing games that can be transferred to problem solving in educational courses as well as everyday life.

Build Your Own Game Board-students design, build and then play their own games

Minute to Win It!-

### **Literacy**

The World of Harry Potter-Create your own favorite elements of Hogwarts and follow the many adventures of Harry, Ron and Hermione and their fellow classmates

Greek Mythology with Percy Jackson -come learn about the Greek gods, goddesses, monsters and heroes in Percy's World

Sidney Memorial Public Library -what summer opportunities are there at the the Sidney Public Library? Let's find out!!

### **STEM/Computers**

Drone Zone-Students will explore programming language in the application of drones and build upon previous knowledge to design solutions to given problems. Program solutions will be run on drones in a controlled environment.

Imagine Learning

Minecraft Designers-learn how to create a custom map, the basics of creating 3D models using a new software to design your very own objects, how to build with Redstone and Command blocks, and create custom textures.

Minecraft Modders-learn the basics of modding and foundations of programming. Learn scripting and logic statements as you create your first mods! Introductory coding will also be taught through a simulated environment inspired by Minecraft.

Make Your First Video Game-learn the keys to designing your first 2D platform game. Conceptualization, play experience, level design, graphics, sounds, and simple coding are just some of the concepts explored.

App Attack-customize your own game app. Students will explore the world of web-based (HTML5) mobile apps. Students will see how the world of App publishing functions.

Life on Mars-design a “realistic” model of what life could look like on the planet Mars

Model Airplanes, Bridge Building, and Electronic Gadgets-

Fort Building & Architecture-using everyday items and basic design principles, students design and build their own forts

Build and Play an Arcade Game

Computers-coding/programming, social media etiquette and safety, web design, <https://code.org/learn> <https://codehs.com/info/curriculum/pathways/6-12>, etc

Osmo-Sidney Central School District currently owns this game system that works with iPads. What a fantastic center idea! <https://www.playosmo.com/en/>

STEM-robotics, Lego kits (BOCES may have additional kits to borrow), design and build your own Lego city, model building, rocket building, renewable energy, solar energy, up-cycling, design challenges, <http://www.breakoutedu.com/>, <https://www.ffa.org/home>.