

WEEK ONE GALACTIC ADVENTURES

Blast off to a galaxy far, far away to learn about all things space and the amazing solar system. Participate in out of this world science experiments, design and engineer spacecraft prototypes, and discover a whole new world.

DWARF PLANETS AND PLUTO

Discuss Pluto.
Make a slime Pluto.
Discuss Dwarf Planets.
Make a dwarf planet.
Play Space Pictionary.

EXTRA-TERRESTRIAL LIFE

Draw an alien.
Discuss Aliens or Extra-Terrestrial Life.
Do a Tour Guide for an Alien.
Make an out of this world word search.

HENRIETTA LEAVITT

Discuss Henrietta Leavitt.

Design a constellation luminary.

THE MILKY WAY

Discuss the milky way.

Make a milky way picture.

Discuss black holes.

Do a black hole experiment.

GALAXY SCIENCE

Discuss the universe. Make a pinwheel galaxy. Create your own galaxy. Play Space Hangman.

MAKE A X-59

Discuss the X-59. Make an X-59. Make a sound cone.

OUTER SPACE CROSSWORD PUZZLE

Make an outer space crossword puzzle.

MAKE A TELESCOPE

Discuss telescopes. Make a telescope.

SATURN

Discuss Saturn.



Make a 3D Saturn with rings.

ASTRONAUT LANDER

Discuss landers.

Design and build a lander to protect two astronauts when they touch down on the moon or Mars.

DESIGN A SPACE STATION

Discuss the International Space Station (ISS).

Design and build a Space Station prototype.

WEEK TWO BACKYARD GAMES

Get outside and PLAY! Kickball, Dodgeball, Capture The Flag, SPUD, and many more thrilling outside adventures are coming to your school. Come out and have some good ol' backyard fun while building teamwork skills, gross motor skills, and critical thinking skills.

KICKBALL

Play 3, 2, 1.

Discuss how to play Kickball.

Play Kickball, Make a New Rule Kickball game, and Monkey in the Middle.

DODGEBALL

Discuss how to play Dodgeball.

Play Dodgeball, Ball Knockout, and Guard the Queen.

SPIID

Play Spud, Steal the Spud, and Four Square.

HACKY SACKS

Discuss soccer.

Play several forms of soccer.

Create a hacky sack.

Practice juggling the hacky sack.

Play Knockout.

CHICKEN GAMES

Play Chicken Baseball, Super Chicken Bowl, and Chuck the Chicken.

FRISBEE FANATICS

Play Mini Disc Golf and Frisbee Tag.

Do Frisbee Trick Shots.

OL' FASHION GAMES

Play Pac-Man Tag, Indoor Shuffleboard, and Capture the Flag.

GAMES FROM AROUND THE WORLD

Play Outside Foosball, Beanbag Bocce, Freestyle Bocce, Mbube Mbube, and Kabaddi.

NOODLING AROUND

Discuss hockey.



Play Noodle Hockey and Cone Croquet.

MINUTE TO WIN IT GAMES

Discuss the concept of Minute to Win It Games. Do Minute to Win It Challenges. Play brain games.

BOOMERANGS

Discuss Boomerangs.

Design a boomerang.

Play Boomerang mini golf, Mini Disc Golf, and Captain's Choice.

QUIDDITCH

Discuss Quidditch. Play Quidditch. Make a golden snitch.

WATER BOTTLE CHALLENGE

What is the water bottle flip challenge? Do the Water Bottle Flip Challenge. Play Flip It and Frisbee Flip.

GYMNASTICS

Discuss gymnastics.
Do balance challenges for gymnastics stunts.
Discuss breakdancing.

WEEK THREE WONDERS OF ANCIENT ART

Make a journey back in time to the mysterious world of Egyptian Pyramids, Greek Gods, and the Roman Empire. The wonders of this program will lead you on an exploration of hieroglyphics, ornate masks, and mosaic making.

EGYPTIAN PYRAMIDS

Discuss Egypt and Ancient Egyptian Pyramids. Build Pyramids.

MEDUSA

Discuss Medusa. Make Medusa Hats. Play Ephedrismos and Medusa.

CYCLOPS

Discuss Cyclops. Make a Cyclops.

THUNDERBIRD

Discuss Thunderbird.

Make Thunderbird Medallion Necklaces and Native American Art Dice.



SPHINX

Discuss the Sphinx. Draw a modern-day Sphinx. Make a Sphinx pop-up card.

BURIAL MASKS

Discuss burial masks. Make burial masks. Play Morra and Dice.

HIEROGLYPHICS

Discuss Hieroglyphics. Make a hieroglyphic clay pot.

MOSAICS

Discuss Mosaics. Make mosaic.

AFRICAN ANCIENT EMPIRE

Discuss African trade beads. Make an African trade bead necklace.

ABORIGINAL BARK ART

Discuss Aboriginal bark painting. Make an Aboriginal bark painting.

CHINA DYNASTY

Discuss China and Chinese fans. Make a Chinese fan.

WEEK FOUR WOW LAB

Hypothesize, observe, and watch in wonder over the crazy science reactions in our WOW Lab. Each lesson will focus on a scientific experiment and the science behind the experiment. Grow your science knowledge and have a few wow moments along the way. Come join us for this exciting journey into the world of science experiments!

WHAT IS CHEMISTRY?

Discuss Science and hypothesizing. Discuss chemistry and chemical reactions. Make Fireworks in a Jar and lava lamps.

BOUNCY BALLS

Discuss chemical engineers. Make a bouncy ball.

CHEMISTRY IN NATURE

Discuss greenhouses. Make a mini greenhouse.



Discuss colors in nature/plant dyes. Experiment with plant dyes.

FOOD EXPERIMENTS

Discuss egg yolk and white. Make egg slime.

Discuss marshmallows.

Make marshmallow structures.

MYSTERY DIRT, DUST, AND POWDER EXPERIMENTS

Discuss how detectives could use dirt and dust to solve crimes.

Do a dirt analysis.

Discuss the mystery substances.

Do an analysis to determine the substances.

SALT CHEMISTRY

Discuss salt and ocean water.

Demonstrate the density of saltwater.

Make salt art.

SLIME SCIENCE

Discuss slime.

Make slime.

Make Oobleck.

Discuss the differences between slime and the Oobleck.

HUMAN BODY SCIENCE

Discuss the chemistry of burping. Conduct a burping experiment. Make a burp bag. Discuss farts (flatulence). Make fart putty.

WEEK FIVE GLOBETROTTERS

Let's trot the globe to explore different countries and learn about the traditions and celebrations that are unique to their region. Our special journey will touch on art, music, and games native to each country. Globetrotters, pack your bags because this is a celebration that you do not want to miss!

IAPAN

Discuss Japan.

Make a koinobori.

Discuss sushi.

Make paper sushi rolls.

GHANA

Discuss Ghana.

Make a Ghanaian mask.



Discuss African trade beads. Make an African trade bead necklace.

SWITZERLAND

Discuss Switzerland. Make Räbeliechtli and a Swiss flag puzzle.

GREECE

Discuss Greece and the history of labyrinths. Make a labyrinth.

SOUTH AFRICA

Discuss South Africa and Ndebele house paintings.

Make a Ndebele house painting.

Discuss the meanings of the colors in the African bead bracelet.

Make an African color bracelet.

CHINA

Discuss China and bamboo books. Make a bamboo book. Discuss dragons. Make a Chinese Dragon fire shooter.

NEW ORLEANS

Discuss New Orleans and Mardi Gras. Make Mardi Gras masks.

MEXICO

Discuss Mexico. Make sugar skulls. Discuss papel picado. Make papel picado.

THAILAND

Discuss Thailand.
Design a floating lantern.
Make a Thailand Animals Flextangle.

GREECE

Discuss Greece and the Olympics. Make an Olympic Torch. Discuss the meaning of the Olympic ring colors. Make Olympic bracelets.

INDIA

Discuss India and Diyas. Make a Diya and Rangoli.



WEEK SIX AMAZING ADVENTURES

Attention, All Amazing Kids! We will take you on adventures where we will get your creative juices flowing and fill your days with lots of amazing activities and daily challenges!

SECRET CODES

Discuss codes and ciphers. Make a Slider Cipher.

OH DOMINOS!

Discuss Dominos. Do Dominos challenges. Create UR's longest domino line.

FARKLE!

Discuss Farkle. Play Farkle. Create your own Farkle game.

DENTAL IMPRINTS

Discuss how investigators use teeth and dental imprints to solve crimes. Examine dental imprints. Play Help Me!

THE WRITING ON THE WALL

Discuss handwriting.
Do handwriting analysis.
Write in invisible ink.

THE ART OF FORGERY

Discuss forgery and counterfeit money. Identify the counterfeit bill. Create a dollar bill.

BRAIN GAMES

Play a variety of brain-buster games. Make a scavenger hunt.

SPORTS STATS

Discuss sports statistics.

Do a bracketology challenge.

Do a baseball batting average project or test your speed.

MAKE A YAHTZEE GAME

Discuss Yahtzee. Make a take home Yahtzee game.

MINUTE TO WIN IT GAMES

Discuss Minute to Win It games. Play a variety of Minute to Win It games.



Create your own Minute to Win It game.

GAME SHOW CENTRAL

Discuss game shows.

Play Family Feud, Pyramid, and Password.

WEEK SEVEN WORLD OF WIZARDS

Calling all wizard fans! This is like no other class you have ever experienced. We will take a magical journey into the world of wizards. We will design trading cards, make a personal crest, create a treasure hunt, have a Triwizard tournament, and participate in activities that will astound all Muggles.

MAGICAL WANDS

Discuss wizards.

Make wands.

Learn a levitation trick.

Play *Harry Potter* bingo.

MAGICAL SPELLS

Discuss spells from *Harry Potter*.

Create a Spellbook.

Discuss how to write a spell.

Learn the disappearing poker chip trick.

MAGICAL POTIONS

Discuss magic potions.

Create a magical potion.

Discuss the significance of lightning in *Harry Potter*.

Make a Harry Potter lightning bolt.

PERSONAL CRESTS

Discuss crests and symbols or coats of arms.

Design a personal crest/coat of arms.

Have a Tri-Wizard Tournament.

ENCHANTED COINS

Discuss Enchanted Coins.

Make Enchanted Coins and a chest to hold the enchanted coins.

MARAUDER'S MAP

Discuss treasure maps and how to draw the treasure map.

Make a Marauder's Map.

Create a fake map to trick the muggles.

WIZARD WEAR

Discuss wizard's clothes.

Make a wizard hat.

Discuss the Golden Snitch.



Make a golden snitch.

TRADING CARDS

Discuss wizard trading cards.

Make a wizard trading card and floating candles.

MAGICAL PETS

Discuss dragons and magical pets.

Make dragon-hatching eggs.

Discuss Magical Creatures.

Design a magical creature to join the wizarding world.

WIZARD DWELLINGS

Design a 3-dimensional home for a wizard.

ALL ABOUT HARRY POTTER

Discuss Harry Potter's wardrobe. Design a new tie.

3D GREAT LAKE

Discuss The Great Lake.

Make an underwater scene from the mysterious Hogwarts Lake.

QUIDDITCH

Discuss and play Quidditch.

HERBOLOGY

Discuss healing plants and herbs. Make a Mandrake Plant. Discuss Magic Beans. Make Magic Beans.