

OUTER SPACE WEEK

	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY
SENSORY	Galaxy Sensory Bin Bin with colored rice/pasta and space toys. Space Gelatin Dig Toy aliens/rockets hidden in blue gelatin.	Moon Rock Bin Bin with painted rocks and scoops. Moon Sand Play Play with homemade moon sand and space toys.	Space Slime Dark blue/purple slime with glitter and small stars. Astronaut Food Taste Test Try freeze-dried fruit or a new food.	"Planet" Water Beads Water beads in space colors with toy planets. Bubble Wrap "Stars" Pop bubble wrap.	Star Light Bin Bin with dark filler (oatmeal, beans) and small battery lights. Fluffy Cloud Play Cotton balls as clouds or nebula.
FINE MOTOR	Star Lacing Lace yarn through holes on a paper star. Astronaut Pegs Clip clothespins onto astronaut cutouts.	Moon Rock Transfer Use tongs to move "moon rocks" (pom-poms). Star Dot Painting Use Q-tips for star dot art.	Planet Playdough Roll playdough into planet shapes. Rocket Rescue Unwrap toy rockets from aluminum foil.	Sticker Constellations Place small star stickers to make patterns. Galaxy Tear Art Tear colored paper for a galaxy background.	Pipe Cleaner Aliens Bend pipe cleaners to make alien antennae. Mini Rocket Build Connect small blocks or LEGOs to make a rocket.
GROSS MOTOR	Rocket Launch Jump high like a rocket taking off. Astronaut Float Float slowly around the room.	Planet Jump Jump to different planet cutouts on the floor. Meteor Shower Jump and shake like falling meteors.	Comet Trail Run Run in a wobbly line like a comet. Planet Roll Roll a large ball across the room.	Moon Walk Shuffle feet slowly like walking on the moon. Alien Stomp Stomp like an alien.	"Space Debris" Clean Up Pick up soft balls and throw them into a bin. Rocket Obstacle Course Crawl through tunnels, jump over cushions.
LITERACY	Rocket Sound Play Make rocket sounds (whoosh, blast-off). "S" for Space Hunt Find the letter "S" in books.	Name the Planet Point and name planets. "Space" Word Spot Find "space" word in a book.	Space Story Time Read simple space books. Alien Puppet Play Use simple alien stick puppets for play.	"Star" Word Build Spell S-T-A-R with letters. Rhyming Stars Say words that rhyme with "star" (e.g., car, far).	"S" Tracing Trace letter "S" on paper or in sand. Simple Sentence Build Match pictures to make "The rocket flies."
MATH	Star Count Count shiny star stickers (1-5). Moon Rock Count Count "moon rocks" (painted pebbles).	Planet Sort Sort toy planets by color or size. Planet Size Order Line up planets from smallest to biggest.	Rocket Shape Match Match rocket shapes to outlines. Star Jar Count Count how many stars fit in a jar.	Rocket Number Match Match number cards to rocket cutouts. Star Pattern Make simple patterns with star stickers (e.g., big, small, big).	Moon Phase Match Match moon phase pictures. Comet Tail Count Count pom-poms for a comet tail.
SCIENCE	Fizzing Planets Baking soda and vinegar on painted planets. Floating Astronauts See if toy astronauts float in water.	Moon Rock Exploration Observe different textured rocks. Static Electricity Stars Rub balloons to pick up paper stars.	Rocket Launch Small balloon rockets or bottle rockets. "Gravity" Drop Drop different items to see how they fall.	Constellation Spotting Find simple constellations in a book or night sky. Moon Dust (Flour Play) Play with flour (moon dust) and scoops.	Sun vs. Moon Talk about day vs. night, sun vs. moon. Shadow Puppets (Space) Make space-themed shadows with hands/toys.
CRAFT & FOOD	Star Cookie Decorating Decorate star-shaped cookies. Paper Plate Planet Decorate paper plates as planets.	Edible Constellations Make constellations with pretzels and mini marshmallows. Rocket Craft Use paper rolls to make rockets.	Alien Snack Green grapes or melon balls on a stick. Astronaut Helmet Decorate a paper bag or box as a helmet.	Star Fruit Skewers Put star-shaped fruit on skewers. Galaxy Painting Swirl paint colors on paper for a galaxy.	Rocket Toast Cut toast into rocket shapes. Solar System Mobile Hang paper planets for a mobile.

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STEM	Build a Straw Rocket Design a rocket using straws and paper. Test distance and adjust for better flight.	Moon Base Design Plan and sketch a sustainable moon habitat.	Space Rover Challenge Design a rover that could move across rough terrain.	Bottle Rocket Experiment - Launch your own soda bottle rocket and see how high you can get it.	CrunchLabs Egg Drop - Watch the CrunchLabs egg drop from Space episode and try your own.
RESEARCH	Women in Space Research Research an astronaut or scientist and present.	Space Race History Compare US and Soviet space programs.	Future of Space Travel Predict what space travel will look like in 50 years.	Asteroid Defense Plan Create a strategy to protect Earth from an asteroid.	Private Space Companies Research how companies are changing space exploration.
CREATIVE WRITING	Write a Mission Log Day 3 on Mars. What happened?	Alien Planet Story Invent a new planet and describe life there.	Create a Space Comic Illustrate a short astronaut adventure.	News Report from Space Film or write a "live" space broadcast.	Design a Space Movie Poster Create and pitch a space film.
MATH & DATA	Scale the Solar System Calculate scaled distances between planets.	Rocket Speed Calculations Estimate speed using distance and time.	Graph Moon Phases Track and graph moon changes over two weeks.	Space Budget Challenge Plan a budget for a mock space mission.	Decode NASA Data Analyze simple real satellite data sets.
TECH & CODING	Code a Rocket Animation Use Scratch to animate a rocket launch.	Build a Mars Rover in LEGO Robotics Program basic movements.	Virtual Space Tour Explore ISS or Mars using virtual tours.	Satellite Tracking Track a real satellite online.	Design a Space App Plan an app astronauts would use.
DEBATE	Should Humans Colonize Mars? Debate the pros and cons of building permanent settlements on Mars.	Is Space Exploration Worth the Cost? Compare space budgets to global issues and argue priorities.	Should We Mine Asteroids? Discuss economic benefits vs. environmental and ethical concerns.	Who Owns Space? Explore space law and whether countries or companies can claim territory.	Should We Contact Aliens? Debate whether sending signals into space is a good idea.
ART	Galaxy Acrylic Painting Use layering and blending techniques to create depth in a nebula scene.	Scratch Art Constellations Create a black ink surface and scratch in constellation patterns.	Perspective Rocket Drawing Draw a rocket using one-point perspective for realism.	Sci-Fi Concept Art Design an original alien species with labeled features and habitat notes.	Digital Space Art Use Canva, Procreate, or other tools to design a sci-fi landscape.

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OUTER SPACE WEEK

SUPPLY CHECKLIST

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OUTER SPACE WEEK

OUR GOALS

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OUTER SPACE WEEK

NOTES PAGE

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