

MISSION MILKY WAY

5 DAYS OF THEMED PRESCHOOL
SUMMER CAMP LESSONS

**BEST
DAY
EVER!**



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MISSION MILKY WAY

Mission Milky Way is an interactive preschool lesson plan that encourages children to construct knowledge through meaningful play, thoughtfully planned activities, and active exploration of the environment. Children will love investigating space. While the lesson plan incorporates many different Pennsylvania Learning Standards, it focuses on the key learning area of “Scientific Thinking and Technology”. Specifically, children will engage in learning activities that meet the PA Standard Areas: Earth Space Sciences and Production and Performance in Visual Arts.

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SCHEDULE

DAY 1

ARRIVAL ACTIVITY - ROCKET SHAPES	20 MINUTES
CIRCLE TIME	15 MINUTES
HANDS-ON ACTIVITY - JETPACK BUILDER	20 MINUTES
BATHROOM BREAK	15 MINUTES
OUTSIDE PLAY - ASTRONAUT TRAINING OBSTACLE COURSE	30 MINUTES
SNACK	15 MINUTES
TABLE ACTIVITY - ROCKET BUILDING	15 MINUTES
CENTER PLAY	30 MINUTES
STORY TIME	10 MINUTES
CIRCLE TIME - PICK UP	15 MINUTES

DAY 2

ARRIVAL ACTIVITY - CHALK GALAXY CRAFT	30 MINUTES
CIRCLE TIME	15 MINUTES
THEMED ACTIVITY - NAME ROCKET	20 MINUTES
BATHROOM BREAK	15 MINUTES
OUTSIDE PLAY - SPACE JUMPING	30 MINUTES
SNACK	15 MINUTES
TABLE ACTIVITY - FIZZY MOON PAINTING	15 MINUTES
CENTER PLAY	30 MINUTES
STORY TIME	10 MINUTES
CIRCLE TIME - PICK UP	15 MINUTES

DAY 3

ARRIVAL ACTIVITY - SHOOTING STAR MOBILE	20 MINUTES
CIRCLE TIME	15 MINUTES
THEMED ACTIVITY - TELESCOPE	20 MINUTES
BATHROOM BREAK	15 MINUTES
OUTSIDE PLAY - STAR GAZING	30 MINUTES
SNACK	15 MINUTES
TABLE ACTIVITY - HOMEMADE CONSTELLATIONS	15 MINUTES
CENTER PLAY	30 MINUTES
STORY TIME	10 MINUTES
CIRCLE TIME - PICK UP	15 MINUTES

DAY 4

ARRIVAL ACTIVITY - SPACE PUZZLES	20 MINUTES
CIRCLE TIME	15 MINUTES
THEMED ACTIVITY- ASTEROID TOSS	20 MINUTES
BATHROOM BREAK	15 MINUTES
OUTSIDE PLAY - SUN PAINTING	30 MINUTES
SNACK	15 MINUTES
TABLE ACTIVITY - MOON DUST WRITING	15 MINUTES
CENTER PLAY	30 MINUTES
STORY TIME	10 MINUTES
CIRCLE TIME - PICK UP	15 MINUTES

DAY 5

ARRIVAL ACTIVITY - CREATE YOUR OWN PLANET	20 MINUTES
CIRCLE TIME	15 MINUTES
THEMED ACTIVITY - BUILD YOUR OWN PLANET	20 MINUTES
BATHROOM BREAK	15 MINUTES
OUTSIDE PLAY - CHALK SOLAR SYSTEM	30 MINUTES
SNACK	15 MINUTES
TABLE ACTIVITY - EARTH TISSUE PAPER	15 MINUTES
CENTER PLAY	30 MINUTES
STORY TIME	10 MINUTES
CIRCLE TIME - PICK UP	15 MINUTES

MATERIALS LIST

- Glue
- Pattern blocks
- Pointer
- Flag
- Calendar
- Weather chart
- Pictures of rockets
- Thick ribbon
- Silver duct tape
- Recycled plastic bottles
- Star stickers
- Tissue paper (orange and yellow)
- Jump ropes
- Outdoor blocks/balance blocks
- Buckets
- Hula hoops
- Recycled metal cans
- Magnet tiles
- Cardboard box
- Poster paper
- Markers
- Images of the galaxy
- Colored chalk
- Construction paper (including black)
- Crayons
- Glue sticks
- Baking soda
- Vinegar
- Food coloring
- Small cups
- Droppers or spoons
- Trays
- Dirt
- Sand
- Plastic wrap
- Rubber washing gloves
- Rocks
- Aluminum foil
- Paint (black, blue, and purple)
- Paintbrushes
- Scissors
- Cardboard rolls
- Books about stars
- Books or images of galaxies
- Cardboard
- Tape
- Basket
- Sunscreen
- Space puzzles
- Images of stars/galaxies
- Flour
- Salt
- Paper plates
- Vegetable oil
- Measuring cup (½ cup)
- Pencils
- Scrap paper
- Tissue paper (blue, green and white)
- Steppers (as available)
- Astronaut costumes (as available)
- Puppets (as available)

SHOPPING LIST

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DAY 1 – WELCOME TO SPACE CAMP



ACTIVITY/CONCENTRATION

ARRIVAL ACTIVITY - ROCKET SHAPES

Spread various toy shapes such as pattern blocks among the available space. Give children the task to create a rocket using the available shapes. Provide images of real rockets as a reference for inspiration. If shape toys/manipulatives are not available, cut out paper shapes from colored construction paper.



DURATION/SCHEDULE

20 minutes – 9 to 9:20 a.m.



MATERIALS

- Pattern blocks
- Colored paper shapes (if blocks are not available)
- Pictures of rockets



LEARNER MODIFICATIONS



GOALS/OBJECTIVES

- Use hands, fingers, and wrists to manipulate objects
- Coordinate eye and hand movements to perform a task
- Use tools that require use of fingers, hands, and wrists to accomplish a task