

REDUCE, REUSE, RECYCLE

.....
5 DAYS OF THEMED SCHOOL-AGE
SUMMER CAMP LESSONS

**BEST
DAY
EVER!**



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REDUCE, REUSE, RECYCLE

Do you have a student that is interested in protecting our Earth and the animals in our environment? Then the Reduce, Reuse, and Recycle camp is perfect for you! This camp features hands-on activities, and real-life problem solving. The students will learn how to conserve energy, how to reduce, reuse, and recycle garbage, and how to preserve our natural resources. While the lesson plan incorporates many different Pennsylvania Learning Standards, it focuses on the key learning area of "Approaches to Learning through Play". Specifically, the students will learn to engage in learning activities that meet the PA Standard Areas of Constructing, Organizing, and Applying Knowledge.

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SCHEDULE

DAY 1

ARRIVAL ACTIVITY	
READY, SET, LEARN	45 MINUTES
HANDS-ON ACTIVITY - NATURAL RESOURCES SCAVENGER HUNT	30 MINUTES
BREAK/SNACK TIME	15 MINUTES
LET'S GET MOVING - TREE MOVEMENTS	30 MINUTES
HANDS-ON ACTIVITY - PLANTING A TREE	30 MINUTES
BREAK/LUNCH TIME	45 MINUTES
HANDS-ON ACTIVITY - NATURAL RESOURCES COLLAGE	30 MINUTES
SOCIAL-EMOTIONAL LEARNING - COPING SKILLS	45 MINUTES
HANDS-ON ACTIVITY - JELLY JAR TERRARIUMS	30 MINUTES
WRAP UP/GOODBYES	15 MINUTES
LATE PICK-UP	

DAY 2

ARRIVAL ACTIVITY	
READY, SET, LEARN	45 MINUTES
HANDS-ON ACTIVITY - OIL SPILL SIMULATION	30 MINUTES
BREAK/SNACK TIME	15 MINUTES
LET'S GET MOVING - JUMP THE NOODLE	30 MINUTES
HANDS-ON ACTIVITY - HAPPY EARTH/SAD EARTH	30 MINUTES
BREAK/LUNCH TIME	45 MINUTES
HANDS-ON ACTIVITY - POLLUTING PLANTS	30 MINUTES
SOCIAL-EMOTIONAL LEARNING - SELF-ESTEEM	45 MINUTES
HANDS-ON ACTIVITY - ACID RAIN	30 MINUTES
WRAP UP/GOODBYES	15 MINUTES
LATE PICK-UP	

DAY 3

ARRIVAL ACTIVITY	
READY, SET, LEARN	45 MINUTES
HANDS-ON ACTIVITY - REDUCE, REUSE, RECYCLE SORT	30 MINUTES
BREAK/SNACK TIME	15 MINUTES
LET'S GET MOVING - HULA HOOP BOUNCE	30 MINUTES
HANDS-ON ACTIVITY - STAMPED ARTWORK	30 MINUTES



BREAK/LUNCH TIME	45 MINUTES
HANDS-ON ACTIVITY - MAKE A PAPER BOWL	30 MINUTES
SOCIAL-EMOTIONAL LEARNING - SELF-ESTEEM	45 MINUTES
HANDS-ON ACTIVITY - CRAYON RAINBOW ART	30 MINUTES
WRAP UP/GOODBYES	15 MINUTES
LATE PICK-UP	

DAY 4

ARRIVAL ACTIVITY	
READY, SET, LEARN	45 MINUTES
HANDS-ON ACTIVITY - RECYCLING REAL GARBAGE	30 MINUTES
BREAK/SNACK TIME	15 MINUTES
LET'S GET MOVING - OBSTACLE COURSE	30 MINUTES
HANDS-ON ACTIVITY - RECYCLING SORT	30 MINUTES
BREAK/LUNCH TIME	45 MINUTES
HANDS-ON ACTIVITY - MAKING A BIRDHOUSE	30 MINUTES
SOCIAL-EMOTIONAL LEARNING - SELF-ESTEEM	45 MINUTES
HANDS-ON ACTIVITY - BIRD FEEDER	30 MINUTES
WRAP UP/GOODBYES	15 MINUTES
LATE PICK-UP	

DAY 5

ARRIVAL ACTIVITY	
READY, SET, LEARN	45 MINUTES
HANDS-ON ACTIVITY - SOLAR OVEN	30 MINUTES
BREAK/SNACK TIME	15 MINUTES
LET'S GET MOVING - THROUGH THE GATES	30 MINUTES
HANDS-ON ACTIVITY - WIND POWERED CARS	30 MINUTES
BREAK/LUNCH TIME	45 MINUTES
HANDS-ON ACTIVITY - MAKING PAPER	30 MINUTES
SOCIAL-EMOTIONAL LEARNING - BUCKET FILLING FRIDAY	45 MINUTES
HANDS-ON ACTIVITY - FILTERING WATER	30 MINUTES
WRAP UP/GOODBYES	15 MINUTES
LATE PICK-UP	

MATERIALS LIST

- Large bags
- Phone, camera, or iPad
- Scavenger hunt list
- Pictures, books, or magazines of natural resources
- Small tree or starters
- Soil
- Shovel
- Gloves
- Stakes
- String
- Glue
- Magazines
- Posterboard
- Scissors
- Paper
- Pencils
- Markers
- Crayons
- Construction paper
- Writing utensils
- Seeds
- Small stones
- Books on the various forms of pollution and recycling
- Pictures of different pollution disasters
- Tin pans
- Vegetable oil
- Dawn® dish soap
- Medicine dropper
- Paper towels
- Cotton balls
- Cotton swabs
- Pool noodles
- Images of pollution and healthy earth images
- Carnation or another flower (white)
- Jars
- Food coloring
- Healthy plants
- Vinegar
- Pictures of landfills and oceans with garbage
- Basketballs
- Hula hoops
- Paint
- Paper plates
- Bottles
- Paper towel rolls
- Water
- Newspapers
- Brush
- Small plastic bowl
- Plastic wrap
- Peeled crayons
- Hair dryer
- Cardboard
- Bins
- Garbage to recycle
- Obstacle course items such as hula hoops, cones, small tires, or a garbage can
- Pictures of recyclables
- Milk carton
- Paintbrushes
- Craft sticks
- Stickers
- String
- Small wooden dial
- Tacky glue
- Recycled supplies such as paper towel rolls, bottles, etc.
- Timer
- Cones
- Playground balls
- Books on conservation
- Tape
- Skewers
- Optional: Sorting mat

SHOPPING LIST

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DAY 1 – NATURAL RESOURCES



ACTIVITY/CONCENTRATION

EARLY DROP OFF - ARRIVAL ACTIVITY

During this free time, students can select and use toys or games associated with the daily theme. Trees are a natural resource. A tree cookie is a section of a tree trunk that can show how a tree grows. They can reveal many different layers that make up a tree. Each of the layers can tell us something about the tree's life and the climate it grew in. Counting the rings can reveal the age of the tree. Provide the students with different tree slices or images to observe and have the students count the rings. Which tree cookie is the oldest?



DURATION/SCHEDULE

180 minutes – 6 to 9 a.m.



ACTIVITY/CONCENTRATION

READY, SET, LEARN

The teacher leads a discussion on natural resources.

Fun Facts:

- The items that we use from nature are called natural resources.
- Natural resources provide us with elements we need to live, like water, air, and shelter.
- Plants and animals also need natural resources to survive, like water and air.
- Trees are a natural resource. Trees provide wood so we can build homes. Wood is also a supply used in the production of paper and pencils that we use in school.
- People use natural resources to make things that produce energy, and provide water, food, and shelter needed to live.
- Fossil fuels like coal, oil, and natural gas are also natural resources that have been formed in the earth for many years. We need to conserve our natural resources before they run out.



DURATION/SCHEDULE

45 minutes – 9 to 9:45 a.m.



MATERIALS

- Pictures of natural resources
- Books about resources
- Magazines with natural resources



LEARNER MODIFICATIONS