

PLANET PROTECTORS



KIDS' DAY OUT
SINGLE DAY LESSON PLAN FOR GRADES K-5

BEST
DAY
EVER!



PLANET PROTECTORS

Get ready to defend the planet! Planet Protectors is an interactive school-age curriculum that encourages children to construct knowledge through thoughtfully planned activities and active exploration of their environment. Children will learn about Earth Day and what makes it so important. While the curriculum 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: Biological Sciences, Earth Sciences, and Environment and Ecology.

EARLY DROP OFF



ACTIVITY/CONCENTRATION

ARRIVAL ACTIVITY

- Puzzles and games related to Earth Day



DURATION/SCHEDULE

3 hours – 6 to 9 a.m.



MATERIALS

- Variety of games and puzzles



GOALS/OBJECTIVES

- Use play to practice new skills and knowledge
- Cooperate with peers during activities
- Coordinate eye and hand movements



STANDARDS

- AL.1 2.A
 - AL.1 2.C
 - 10.5 2.B
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ACTIVITY/CONCENTRATION

READY SET LEARN

Use the following fun facts to lead a class discussion about Earth Day:

FUN FACTS ABOUT EARTH DAY

- Earth Day was founded by Senator Gaylord Nelson on April 22, 1970.
- The U.S. buried or burned more than **166 million tons** of resources – paper, plastic, metals, glass, and organic materials – in landfills and incinerators in ONE YEAR.
- Half the world’s tropical and temperate forests are now gone.
- Popular activities that people participate in on Earth Day include planting trees, collecting garbage, cleaning up the coral reefs, signing petitions, and planning for a better environment and better planet.
- In 2009, the United Nations renamed Earth Day, International Mother Earth Day.
- Earth Day is important to help raise awareness of the impact we have on the environment and what can be done about it. Some of the stats that are used to get the point of going green across include: Recycling one aluminum can saves enough energy to watch 3 hours of TV. It takes less energy (90% less) to recycle aluminum cans than to manufacture new ones.
- The average person disposes of about 4 pounds of garbage every day.

- The average person uses about 12 thousand gallons of water each year. Only 27% of newspapers in the U.S. are recycled. If they were all recycled it would save one-quarter of a billion trees EVERY YEAR. Every year there are 14,000,000,000 pounds of garbage thrown into the oceans.
- Plastic garbage kills at least 1 million creatures in the ocean each year.



DURATION/SCHEDULE

45 minutes – 9:00 to 9:45 a.m.



MATERIALS

- Facts from above



GOALS/OBJECTIVES

- Share personal experiences during school activities
- Listen and take turns speaking
- Discuss the impact of pollution on living things



STANDARDS

- AL.4 2.A
- 1.5 2.A-C
- 4.5 2.C



ACTIVITY/CONCENTRATION

HANDS-ON ACTIVITY: CREATE YOUR OWN EARTH DAY POSTER

- Have students create a poster to advertise Earth Day.
- Explain that the poster should encourage others to get involved in Earth Day.
- It could be recycling, planting, conserving energy, or any of their own ideas. We want to motivate others to care about cleaning up the Earth.



DURATION/SCHEDULE

30 minutes – 9:45 to 10:15 a.m.



MATERIALS

- Large 9" x 12" paper.
- Markers
- Crayons
- Scissors
- Glue
- Old magazines



GOALS/OBJECTIVES

- Reinforce fine motor skills
- Practice hand-eye coordination
- Brainstorm creative ways people can attempt to reduce pollution
- Illustrate strategies of reducing, reusing, and recycling



STANDARDS

- 10.5 2.B
- 10.5 2.C
- 4.5 2.C
- 4.5 2.D