

Nassau BOCES Outdoor & Environmental Education Just Beyond the Classroom Programs

Earth Balloon

Grades: K-10

- Indoors,
- 30-60 minute sessions
- One class/session with our BOCES Naturalist

Sample School Schedule

9:00 - 9:40	Class A
9:50 - 10:30	Class B
10:40 - 11:20	Class C
30 minute break	
11:50 - 12:30	Class D
12:40 - 1:20	Class E

Suggested program lengths:

- Gr. K-2: 25-30 min.
- Gr. 3-5: 25-45 min.
- Gr. 6-10: 30-60 min.

Note: the 4.5 hr day can be extended on an hourly rate to include more classes

**Call for pricing and to
schedule:**

516-396-2264

See us online:

www.nassauboces.org/outdoors



An Amazing 19' Globe of Planet Earth!

The Earth Balloon is a great tool for teaching a variety of topics: energy and water cycles, habitats, map concepts. Students can even go *inside* the Earth Balloon to get a "plate tectonic perspective!" A complete list of suggested grade level content can be found on the reverse side

We would be happy to help you develop a program that meets your specific needs. All are designed to align with NYS learning standards.

Program Logistics:

- The Earth Balloon is 19 ft. in diameter and requires a 20 ft. high clearance. Space around the entire perimeter is also needed.
- The floor needs to be swept and any furniture cleared 1 hour before the start of the first session.
- Socks must be worn while inside the Balloon. No shoes or bare feet!
- Pre-trip materials provided. Teachers select grade appropriate topics in advance.

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BOCES



EARTH BALLOON

An Amazing 19' Inflated Model of Planet Earth

SUGGESTED PROGRAM TOPICS

K-2 INTRODUCTION TO PLANET EARTH

- Land Forms and Oceans
- The Atmosphere, Our Place in the Solar System, The Sun and Moon
- Your Current World Address and the Origin of Your Ancestors

K-3 THE ANIMALS OF OUR CONTINENTS AND OCEANS

- Land Forms and Oceans, Animal Habitats
- Mountain, Grassland, Glacier, Desert, Ocean, River, Lake, Stream
- Animal Adaptations, Migration, and Movement

3rd-5th THE WATER CYCLE AND EXTREME AREAS

- A Natural Resource: Water
- Uses, Conservation, Recycling, Salt vs. Fresh, Acid Rain
- Weather, Climate, and Seasons
- Rainforests and Deserts - Locations and Features

4th - 8th THE ENERGY CYCLE AND EXTREME AREAS

- Our Energy Source: the Sun
- Light and Heat Energy, Producers and Consumers, The Greenhouse Effect
- Rainforests and Deserts - Locations and Features

5th - 7th THE POLITICAL EARTH: POPULATION CLUSTERS, IMMIGRATION, BORDERS, "LINES" AND ZONES

- Equator, Prime Meridian, Time Zones, Latitude, Longitude, Boundaries, Scale
- Population Clusters, Immigration, Trade/Travel Routes, Directions, Natural Resources
- Technology's Effect on Trade/Travel and on the Environment (Short and Long Term)

5th - 10th THE DYNAMIC EARTH: THE RING OF FIRE, PLATE TECTONICS, OCEAN CURRENTS and HUMAN EFFECTS ON THE NATURAL WORLD

- Formation of the Earth, Pangea, Earthquakes, Volcanoes, Tsunamis, Ocean Currents
- Human Impact: Erosion, Diversion Projects, Pollution, Global Warming, Acid Rain