



# Blue Planet

Target Grade: 6

Students estimate the percentage of Earth's surface that is covered by water and, by tossing an inflatable globe, conduct a simple probability sample to check their estimates.

## Format & Requirements

- This Project Wet Kit is available to be checked out as a conservation capsule.

## Activities & Resources

- This Project Wet Kit comes with lesson plans, background information, and the materials needed for the Bead Sampling Warm Up, and the Inflatable Globe Sampling Activities.

## Standards of Learning

### Science

- 6.5 The student will investigate and understand the unique properties and characteristics of water and its roles in the natural and human-made environment. Key concepts include d) the ability of large bodies of water to store heat and moderate climate; e) the origin and occurrence of water on Earth; g) the importance of protecting and maintaining water resources.

### Math

- 6.1 The student will identify representations of a given percent and describe orally and in writing the equivalence relationships among fractions, decimals, and percents.
- 6.19 The student will describe the mean, median, and mode as measures of central tendency, describe the range, and determine their meaning for a set of data.
- 6.20 The student will a) make a sample space for selected experiments and represent it in the form of a list, chart, picture, or tree diagram; and b) determine and interpret the probability of an event occurring from a given sample space and represent the probability as a ratio, decimal or percent, as appropriate for the given situation.