



National Education Standards

The PLANETS Science Series *Water in the Solar System* supports youth in the field of planetary science by exploring the different reservoirs of water in the solar system and how accessible and usable they are for humans or how habitable they are for life. The standards addressed in this Science Series are noted below.

Next Generation Science Standards Middle School Grades 6 – 8	Activity 1: Water Accessibility & Usability	Activity 2: Where Can You Find Water in the Solar System?	Activity 3: Choosing a Potential Water Source & Share-Out
MS-ESS1-3 Analyze and interpret data to determine scale properties of objects in the solar system.		✓	
MS-ESS2-2 Describe and graph the amounts of salt water and fresh water in various reservoirs to provide evidence about the distribution of water on Earth.	✓	✓	✓
MS-ETS1-3 Analyze data from tests to determine similarities and differences among several design solutions to identify the best characteristics of each that can be combined into a new solution to better meet the criteria for success.	✓		✓