

Earth and Space Science
Ages: 6-10
Tuesdays 12:30-1:30pm
Dr. Tonya Shearer
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In this hands-on science course, students study characteristics of rocks, minerals and soils, learn about landforms and how they change over time, make models of our solar system and comets, learn how we study space, use a telescope to view sun spots, and more. Course fee: \$250 Maximum of 15 students.

Tentative Syllabus

(Exact timing of topics will be determined by student progress.)

Week 1 – Introduction, Minerals and Rocks

Week 2 – Periodic Table and Mineral Composition

Week 3 – Rock and Mineral Classification

Week 4 – Earth Layers

Week 5 – Soils

Week 6 – Landforms and Natural Forces

Week 7 – Fossils

Week 8 – Atmosphere

Week 9 – Planets

Week 10 – Moons

Week 11 – Asteroids, Meteors and Comets

Week 12 – The Sun and Light

Week 13 – Telescopes

Week 14 – Space Exploration

Week 15 – Review Game