

Real Science 4 Kids

Teacher(s): Kelly Dorval and Jenny Boudreau

Grade(s): 4-6

Semester you are teaching: year long course

Number of Children in the Class:
(You may not know that information yet)

Name and Publisher of resources you are pulling from:
Exploring the Building Blocks of Science Book 4
Student text can be found at <https://gravitaspublishations.com/product/building-blocks-student-text/>

Description of Class:
With Building Blocks Book 4 students further advance their knowledge of the 5 core scientific disciplines of chemistry, biology, physics, geology, and astronomy. Students explore different types of chemical reactions, states of matter, fast and slow reactions, and thermodynamics; animals with and without backbones, animal cells; different types of waves and how they are measured, sound, photons, and light as a wave and a particle; the atmospheric, rock, and energy cycles; ecosystems, natural resources, pollution, and the greenhouse effect.

Week 1: Introduction

Week 2: Chemistry Exploration

Week 3: Chemistry Exploration

Week 4: Physics Exploration

Week 5: Physics Exploration

Week 6: Geology Exploration

Week 7: Geology Exploration

Week 8: Astronomy Exploration

Week 9: Astronomy Exploration

Week 10: Biology Exploration

Week 11: Biology Exploration

Week 12: Conclusion