

Moon Area School District Curriculum Map

Course: Science

Grade Level: 1

Content Area: Science

Frequency: Full-Year Course

Big Ideas

1. Observe properties of rocks and soil.
2. Observe properties of land and water.
3. Identify types of and changes in weather.
4. Demonstrate understanding of forces and motion.
5. Demonstrate understanding of pushes and pulls.

Essential Questions

6. What can you observe about rocks?
7. How do rocks change?
8. What can you observe about soil?
9. How do people use Earth's land?
10. How do people use Earth's water?
11. How does Earth's land change?
12. How does the sun affect Earth?
13. How does weather change?
14. How is weather measured?
15. What is a force?
16. What is gravity?
17. What are magnets?
18. What are pushes and pulls?
19. What ways do objects move?
20. How do magnets pull objects?

Primary Resource(s) & Technology:

Textbook Series, IXL online software,
Microsoft Teams, Promethean Boards, Student Laptops/iPads

Pennsylvania and/or focus standards referenced at:

www.pdesas.org

www.education.pa.gov

Big Ideas/ EQs	Focus Standard(s)	Assessed Competencies (Key content and skills)	Timeline
1, 6, 7, 8	3.3.1.A1 Eligible Content: S.K-2.D.1.1.1	Rocks and Soil <ul style="list-style-type: none"> • Observe and measure the properties of rocks. • Identify differences between living and non-living things. • Recognize rocks are made of minerals. 	October
2, 9, 10, 11	3.3.1.A4 Eligible Content: S.K-2.D.1.3.1 S.K-2.D.1.3.2	Land and Water <ul style="list-style-type: none"> • Describe the properties of rocks (jump to Rocks and Soil Unit) • Recognize that rocks and soil are part of Earth's land that people use. • Recognize that water, rocks, and soil are found on Earth's surface. • Identify everyday items that come from natural resources. 	October
5, 18, 19, 20	3.2.1.B1 Eligible Content: S.K-2.A.3.1.1	Pushes and Pulls <ul style="list-style-type: none"> • Describe various types of motion. • Demonstrate and describe various ways objects can move. • Recognize that the position or direction of motion of an object can be changed by pushing or pulling. • Identify the force of magnetism 	December/ January
4, 15, 16, 17	3.2.1.B1 Eligible Content: S.K-2.A.3.1.1	Forces and Motion <ul style="list-style-type: none"> • Describe various types of motion. • Identify a force as a push or a pull. • Recognize that the force of gravity pulls objects towards the center of Earth. • Identify magnetism as an observable force in nature. 	March

3, 12, 13, 14	3.3.1.A5 Eligible Content: S.K-2.D.2.1.1 S.K-2.D.2.1.2	Weather <ul style="list-style-type: none">• Identify the sun as the most important source of energy.• Describe the water cycle.• Identify weather changes.• Recognize that scientists use tools to measure weather.• Describe severe weather.	May/June
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