

### Grade 2.1

Week	Unit	Content
1	<b>Weather</b>	<b>Study different types of weather.</b> <b>Temperature - Make a thermometer.</b>
2		
3		
4	<b>Life Cycle of the Ant</b>	<b>Classify the different stages of an Ant's life and their roles.</b>  <b>Create an ant farm for the class.</b>
5		
6		
7	<b>Desert Habitat</b>	<b>Students explore animal adaptations for protection, camouflage, food obtainment, and locomotion. Students learn what it means for an organism to adapt to its environment and how different adaptations can be categorized.</b>
8		
9		
<b>10</b>	<b>Review</b>	<b>Exam Week</b>
11	<b>Simple Machines</b>	<b>Study all six simple machines.</b> <b>Create: Wheel &amp; Axle, Pulley, Lever</b>
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13		
14	<b>Launchers</b>	<b>Look at moving and ready energy.</b> <b>Create a catapult and trebuchet.</b>
15		
16		
17	<b>Matter</b>	<b>Identify three different states of matter. Solid, liquid, gas</b> <b>Create a Toy using all 3 states of Matter.</b>
18		
19		
<b>20</b>	<b>Review</b>	<b>Exams in Week 19</b>
21		

## Grade 2.2

Week	Unit	Content
1	The wind is coming	What causes wind and how we can use it for energy. Create a mini wind turbine and pinwheel.
2		
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4	Bodies of Water	Explore the different bodies of water. Create a River.
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6		
7	Waterworks	How can we use water to make electricity, design, and create a waterwheel?
8		
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10	Review	
11	Solar Energy	How can we create energy from the heat of the sun? Make a solar oven.
12		
13		
14	Power On	Understand how electricity and basic circuits work and how we use them daily. Use simple circuitry to design and create a working Harry Potter wand.
15		
16		
17	Paper Repurpose	Use paper to create flower pots instead of plastic.
18		
19		
20	Review	
21		