

Unit 7 - Weather & Climate

Pacing Guide using Mystery Science

Day	Lesson	Activities	Approximate Time
1	<p><u>Mystery Science: Stormy Skies</u> Water Cycle & Phases of Matter</p> <p>Lesson 1: Where do clouds come from?</p>	<ol style="list-style-type: none"> Mystery Science Exploration Video Review of Lesson (Google Form) 	<p>Exploration Video - 15 minutes</p> <p>Google Form - 15 minutes</p>
2	<p><u>Mystery Science: Stormy Skies</u> Water Cycle & Phases of Matter</p> <p>Lesson 1: Where do clouds come from?</p>	<ol style="list-style-type: none"> Mystery Science Hands on Activity 	<p>Hands on Activity - 30+ minutes</p>
3	<p><u>Mystery Science: Stormy Skies</u> Water Cycle & Phases of Matter</p> <p>Lesson 1: Where do clouds come from?</p>	<ol style="list-style-type: none"> Finish Mystery Science Hands on Activity 	<p>Finish Hands on Activity</p>
4	<p><u>Mystery Science: Stormy Skies</u> Water Cycle & Phases of Matter</p> <p>Lesson 1: Where do clouds come from?</p>	<ol style="list-style-type: none"> Mystery Science Wrap-Up BrainPop Jr. Video & Activities (Water Cycle) 	<p>Wrap-up - 5 minutes</p> <p>BrainPop Jr. Video - 25 minutes</p>
5	<p><u>Mystery Science: Stormy Skies</u> Local Weather Patterns & Weather Prediction</p> <p>Lesson 2: How can we predict when it's going to storm?</p>	<ol style="list-style-type: none"> Mystery Science Exploration Video 	<p>Exploration Video - 30 minutes</p>
6	<p><u>Mystery Science: Stormy Skies</u> Local Weather Patterns & Weather Prediction</p> <p>Lesson 2: How can we predict when it's going to storm?</p>	<ol style="list-style-type: none"> Mystery Science Hands on Activity 	<p>Hands on Activity - 30+ minutes</p>

7	<p><u>Mystery Science: Stormy Skies</u> Local Weather Patterns & Weather Prediction</p> <p>Lesson 2: How can we predict when it's going to storm?</p>	<ol style="list-style-type: none"> 1. Finish Mystery Science Hands on Activity 2. Review of Lesson (Google Form) 	<p>Finish Hands on Activity</p> <p>Google Form - 20 minutes</p>
8	<p><u>Mystery Science: Stormy Skies</u> Seasonal Weather Patterns</p> <p>Lesson 3: Where's the best place to build a snow fort?</p>	<ol style="list-style-type: none"> 1. Mystery Science Exploration Video 	<p>Exploration Video - 20 minutes</p>
9	<p><u>Mystery Science: Stormy Skies</u> Seasonal Weather Patterns</p> <p>Lesson 3: Where's the best place to build a snow fort?</p>	<ol style="list-style-type: none"> 1. Mystery Science Hands on Activity 	<p>Hands on Activity - 30+ minutes</p>
10	<p><u>Mystery Science: Stormy Skies</u> Seasonal Weather Patterns</p> <p>Lesson 3: Where's the best place to build a snow fort?</p>	<ol style="list-style-type: none"> 1. Finish Mystery Science Hands on Activity 2. Mystery Science Wrap Up Video 	<p>Finish Hands on Activity</p> <p>Wrap Up Video - 10 minutes</p>
11	<p><u>Mystery Science: Stormy Skies</u> Climate, Geography & Local Weather Patterns</p> <p>Lesson 4: Why are some places always hot?</p>	<ol style="list-style-type: none"> 1. Mystery Science Exploration Video 2. Start Hands on Activity 	<p>Exploration Video - 10 minutes</p> <p>Hands on Activity - 20 minutes</p>
12	<p><u>Mystery Science: Stormy Skies</u> Climate, Geography & Local Weather Patterns</p> <p>Lesson 4: Why are some places always hot?</p>	<ol style="list-style-type: none"> 1. Continue Mystery Science Hands on Activity 	<p>Continue Hands on Activity</p>

13	<p><u>Mystery Science: Stormy Skies</u> Climate, Geography & Local Weather Patterns</p> <p>Lesson 4: Why are some places always hot?</p>	1. Finish Mystery Science Hands on Activity	Finish Hands on Activity
14	<p><u>Mystery Science: Stormy Skies</u> Natural Hazards & Engineering</p> <p>Lesson 5: How can you keep a house from blowing away in a windstorm?</p>	<ol style="list-style-type: none"> 1. Mystery Science Exploration Video 2. Review of Lesson (Google Form) 3. Mystery Science Wrap-Up 	<p>Exploration Video - 18 minutes</p> <p>Google Form - 10 minutes</p> <p>Wrap-up - 2 minutes</p>
15	<p><u>Mystery Science: Stormy Skies</u> Natural Hazards & Engineering</p> <p>Lesson 5: How can you keep a house from blowing away in a windstorm?</p>	<ol style="list-style-type: none"> 1. Book: How a House is Built 2. Book: Wind 	Books - 30 minutes