

Unit 2 - Matter: Properties and Changes

Pacing Guide using Mystery Science

Day	Lesson	Activities	Approximate Time
1	<p>Mystery Science: Material Magic Materials, Properties & Engineering</p> <p>Lesson 1: Why do we wear clothes?</p>	1. Mystery Science Exploration Video	Exploration Video - 20 minutes
2	<p>Mystery Science: Material Magic Materials, Properties & Engineering</p> <p>Lesson 1: Why do we wear clothes?</p>	1. Mystery Science Hands on Activity	Hands on Activities - 35+ minutes
3	<p>Mystery Science: Material Magic Materials, Properties & Engineering</p> <p>Lesson 1: Why do we wear clothes?</p>	<p>1. Mystery Science Hands on Activity: Students will complete activity</p> <p>2. Review of Lesson Google Form</p>	<p>Finish Hands on Activity</p> <p>Google Form - 15 minutes</p>
4	<p>Mystery Science: Material Magic Classify Materials, Insulators, Properties</p> <p>Lesson 2: Can you really fry an egg on a hot sidewalk?</p>	<p>1. Mystery Science Exploration Video</p> <p>2. Book: Do You Really Want to Burn Your Toast?</p>	<p>Exploration Video - 12 minutes</p> <p>Book - 15 minutes</p>
5	<p>Mystery Science: Material Magic Classify Materials, Insulators, Properties</p> <p>Lesson 2: Can you really fry an egg on a hot sidewalk?</p>	1. Mystery Science Hands on Activity	Hands On Activity - 35+ minutes

6	<p><u>Mystery Science: Material Magic</u> Classify Materials, Insulators, Properties</p> <p>Lesson 2: Can you really fry an egg on a hot sidewalk?</p>	1. Finish Mystery Science Hands on Activity	Finish Hands On Activity
7	<p><u>Mystery Science: Material Magic</u> Classify Materials, Insulators, Properties</p> <p>Lesson 2: Can you really fry an egg on a hot sidewalk?</p>	1. Mystery Science Wrap Up Video 2. Review of Lesson Google Form	Wrap Up Video - 3 minutes Google Form - 15 minutes
8	<p><u>Mystery Science: Material Magic</u> Heating, Cooling and Phases of Matter</p> <p>Lesson 3: Why are so many toys made out of plastic?</p>	1. Mystery Science Exploration Video 2. Extension Videos: Glass Melts 1 , Glass Melts 2 & Metal Melts	Exploration Video - 20 minutes Extension Videos - 10 minutes
9	<p><u>Mystery Science: Material Magic</u> Heating, Cooling and Phases of Matter</p> <p>Lesson 3: Why are so many toys made out of plastic?</p>	1. Mystery Science Hands on Activity	Hands On Activity - 35+ minutes
10	<p><u>Mystery Science: Material Magic</u> Heating, Cooling and Phases of Matter</p> <p>Lesson 3: Why are so many toys made out of plastic?</p>	1. Finish Mystery Science Hands on Activity 2. Review of Lesson Google Form	Finish Hands on Activity Google Form - 15 minutes
11	<p><u>Mystery Science: Material Magic</u> Inventions & Engineering</p> <p>Lesson 4: What materials might be invented in the future?</p>	1. Mystery Science Exploration Video 2. Review of Lesson Google Form	Exploration Video - 13 minutes Google Form - 15 minutes

12	<p><u>Mystery Science: Material Magic</u> Inventions & Engineering</p> <p>Lesson 4: What materials might be invented in the future?</p>	<ol style="list-style-type: none"> 1. Mystery Science Hands on Activity 	Hands on Activity - 30 minutes
13	<p><u>Mystery Science: Material Magic</u> Inventions & Engineering</p> <p>Lesson 4: What materials might be invented in the future?</p>	<ol style="list-style-type: none"> 1. Finish Mystery Science Hands on Activity 2. Mystery Science Wrap Up 	<p>Finish Hands on Activity</p> <p>Wrap Up Video - 1 minute</p>
14	<p><u>Mystery Science: Material Magic</u> Materials, Properties & Engineering</p> <p>Lesson 5: Could you build a house out of paper?</p>	<ol style="list-style-type: none"> 1. Mystery Science Exploration Video 2. Review of Lesson Google Form 	<p>Exploration Video - 12 minutes</p> <p>Google Form - 15 minutes</p>
15	<p><u>Mystery Science: Material Magic</u> Materials, Properties & Engineering</p> <p>Lesson 5: Could you build a house out of paper?</p>	<ol style="list-style-type: none"> 1. Mystery Science Hands on Activity 	Hands on Activity - 30 minutes
16	<p><u>Mystery Science: Material Magic</u> Materials, Properties & Engineering</p> <p>Lesson 5: Could you build a house out of paper?</p>	<ol style="list-style-type: none"> 1. Finish Mystery Science Hands on Activity 3. Mystery Science Wrap Up 	<p>Finish Hands on Activity</p> <p>Wrap Up Video - 3 minutes</p>

17	<p><u>Mystery Science: Material Magic</u> Soil & Properties</p> <p>Lesson 6: How do you build a city out of mud?</p>	<p>1. Mystery Science Exploration Video</p> <p>2. Book: Studying Soil</p>	<p>Exploration Video - 12 minutes</p> <p>Book - 15 minutes</p>
18	<p><u>Mystery Science: Material Magic</u> Soil & Properties</p> <p>Lesson 6: How do you build a city out of mud?</p>	<p>1. Mystery Science Hands on Activity</p>	<p>Hands on Activities - 35+ minutes</p>
19	<p><u>Mystery Science: Material Magic</u> Soil & Properties</p> <p>Lesson 6: How do you build a city out of mud?</p>	<p>1. Mystery Science Hands on Activity: Students will complete activity</p> <p>2. Mystery Science Wrap Up Video</p>	<p>Finish Hands on Activity</p> <p>Wrap Up Video - 8 minutes</p>
20	<p><u>Mystery Science: Material Magic</u> Soil & Properties</p> <p>Lesson 6: How do you build a city out of mud?</p>	<p>1. Review of Lesson Google Form</p>	<p>Google Form</p>