

UNIT PROPERTIES OF MATERIALS

Lesson Link	@Home Videos	Hands-On Video	Read-Aloud Videos	Mystery Science Lessons
Lesson 1.1	@Home Video Playlist 1.1			
Lesson 1.2	@Home Video Playlist 1.2		What if Rain Boots Were Made of Paper	<i>Invention, Engineering, Material Properties, & Engineering</i> Mini-Lesson: Why is it so hard to make new inventions?
Lesson 1.3	@Home Video Playlist 1.3	Observing Mystery Glues Setting Up Glue Tests		<i>Invention, Engineering, Material Properties, & Engineering</i>
Lesson 1.4	@Home Video Playlist 1.4	Observing Mystery Glue Tests		"Materials Song"

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<u>Lesson 1.5</u>	<u>@Home Video Playlist 1.5</u>	<u>Observing Dry Glue Ingredients</u> <u>Making & Observing Mixtures</u> <u>Setting Up Sticky Glue Tests</u>		<i>Invention, Engineering, Material Properties, & Engineering</i> Mystery 1: Why do we wear clothes?
<u>Lesson 1.6</u>	<u>@Home Video Playlist 1.6</u>	<u>Gathering Test Results</u>	<u>Handbook of Interesting Ingredients</u>	
<u>Lesson 1.7</u>	<u>@Home Video Playlist 1.7</u>		<u>Jellybean Engineer</u>	
<u>Lesson 1.8</u>	<u>@Home Video Playlist 1.8</u>			
<u>Lesson 1.9</u>	<u>@Home Video Playlist 1.9</u>	<u>Making Our First Glue</u> <u>Testing Our First Glue</u>		

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Lesson Link	@Home Videos	Hands-On Video	Read-Aloud Videos	Mystery Science Lessons
Lesson 2.1	@Home Video Playlist 2.1	Testing Our First Glue	Can You Change It Back	Material Properties, Classification, Material Changes, & Phases of Matter Mystery 2: Can you really fry an egg on a hot sidewalk?
Lesson 2.2	@Home Video Playlist 2.2	Comparing an Unheated and a Heated Mixture		
Lesson 2.3	@Home Video Playlist 2.3	Sticky test results	Handbook of Interesting Ingredients	Material Properties, Classification, Material Changes, & Phases of Matter Mystery 3: Why are so many toys made out of plastic?
Lesson 2.4	@Home Video Playlist 2.4			

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Lesson Link	@Home Videos	Hands-On Video	Read-Aloud Videos	Mystery Science Lessons
Lesson 3.1	@Home Video Playlist 3.1		Jess Makes Hair Gel	Material Changes & Phases of Matter Mystery 4: What materials might be invented in the future?
Lesson 3.2	@Home Video Playlist 3.2	Observing Ingredients & Setting Up Tests		
Lesson 3.3	@Home Video Playlist 3.3	Making Observations & Gathering Test Results	Handbook of Interesting Ingredients	Material Changes & Phases of Matter Real Young Inventors & Their inventions
Lesson 3.4	@Home Video Playlist 3.4			
Lesson 3.5	@Home Video Playlist 3.5	Making Glue & Setting Up Tests		

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Lesson Link	@Home Videos	Hands-On Video	Read-Aloud Videos	Mystery Science Lessons
<u>Lesson 4.1</u>	<u>@Home Video Playlist 4.1</u>			<i>Materials, Inventions, & Engineering</i> Mystery 5: Could you build a house out of paper?
<u>Lesson 4.2</u>	<u>@Home Video Playlist 4.2</u>			
<u>Lesson 4.3</u>	<u>@Home Video Playlist 4.3</u>			
<u>Lesson 4.4</u>	<u>@Home Video Playlist 4.4</u>			