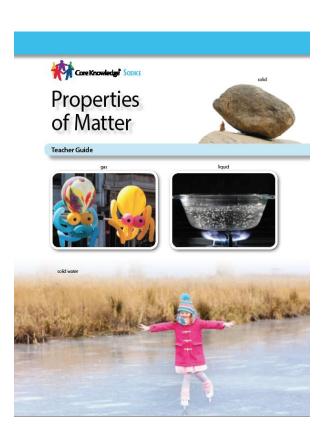


#### **Properties of Matter**

Click on each lesson to access its online resources. Page numbers refer to pages in the Teacher Guide. Some links provide access to files created by the Core Knowledge Foundation, including PDF documents that you can download and view with the appropriate software (such as <a href="Adobe Reader">Adobe Reader</a>).

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Lesson 3	Segment 1
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Lesson 4	Segment 1
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Supplement	
	Teacher Resources

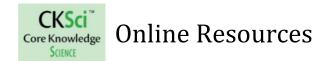




#### **About This Unit**

Page	Resource Links
2	<ul> <li>Note to Teachers and Curriculum Planners</li> <li>The learning progressions of Disciplinary Core Ideas PS1.A and PS1.B offers guidance regarding the scope and sequence of learning about The structures and properties of matter as well as chemical reacts in the elementary grades and beyond.</li> <li>Learn more about this core idea and its related content by reading the corresponding section of A Framework for K-12 Science Education.</li> <li>See also the Teachers Resources section of this guide.</li> <li>To see an overview of the entire Core Knowledge Science program, visit link]</li> </ul>
3	This unit has been informed by the following Next Generation Science Standards (NGSS) Performance Expectations:  Topic—Properties of Matter  2-PS1-1 2-PS1-2 2-PS1-3 2-PS1-4
9	CKSci Online Resources Recommended Science Trade Books
12	NGSS References  • DCI • CCC • SEP
13	<ul> <li>Resources for Effective and Safe Classroom Activities</li> <li>Materials Supply List: Grade 2 Unit 1 Properties of Matter</li> </ul>

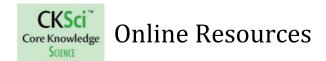
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## **Unit Opener**

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	Science and Engineering Practice:  3 Planning and Carrying Out Investigations  • From the Framework:  Pages 74–77
	Crosscutting Concept: 2 Cause and Effect  • From the Framework: Pages 87–89

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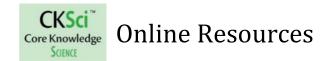
#### Lesson 1 Opener

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	• SEP

## Lesson 1, Segment 1

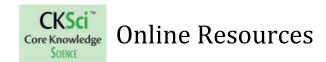
Page	Resource Links
30	Performance Expectation:
	• 2-PS1-1
	Evidence Statements for 2-PS1-1
	Disciplinary Core Idea: PS1.A Structure and Properties of Matter
	<ul> <li>From the Framework:</li> <li>Pages 106–109</li> </ul>
	Science and Engineering Practice: 3 Planning and Carrying Out Investigations
	<ul> <li>From the Framework:</li> <li>Pages 59-61</li> </ul>
	Crosscutting Concept: 1 Patterns
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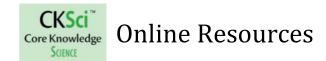
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	Science and Engineering Practice: 3 Planning and Carrying Out Investigations  • From the Framework: Pages 59–61
	Crosscutting Concept: 1 Patterns  • From the Framework: Pages 85–87

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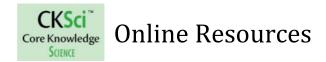
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57	Performance Expectation:  • 2-PS1-1  Evidence Statements for 2-PS1-1
	Disciplinary Core Idea: PS1.A Structure and Properties of Matter  • From the Framework: Pages 106–109
	Science and Engineering Practice: 3 Planning and Carrying Out Investigations  • From the Framework: Pages 59–61
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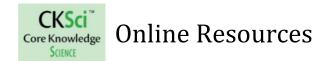
Page	Resource Links
69	Performance Expectation:  • 2-PS1-1  Evidence Statements for 2-PS1-1
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71	[VIDEO] Solid or liquid?

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	Science and Engineering Practice: 3 Planning and Carrying Out Investigations  • From the Framework:
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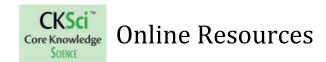
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88	NGSS References
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## Lesson 2, Segment 1

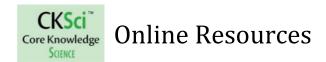
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89	Performance Expectation:  • 2-PS1-4  Evidence Statements for 2-PS1-4
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	Science and Engineering Practices: 7 Engaging in Argument from Evidence  • From the Framework:  Bottom of pages 71–74
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	Disciplinary Core Idea: PS1.B <i>Chemical Reactions</i> • From the Framework: Pages 109–111
	Science and Engineering Practices: 7 Engaging in Argument from Evidence  • From the Framework:  Bottom of pages 71–74
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114	[VIDEO] Can you untoast toast?

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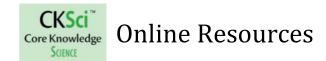
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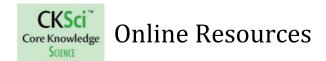
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	• From the Framework:
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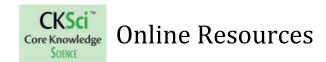
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	<ul><li>DCI</li><li>CCC</li><li>SEP</li></ul>

## Lesson 4, Segment 1

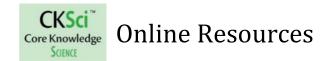
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	Science and Engineering Practices: 6 Constructing Explanations and Designing Solutions  • From the Framework: Pages 67–71
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	Crosscutting Concept: 5 Energy and Matter  • From the Framework:  Pages 94–96
172	Video: The human body is made up of parts.

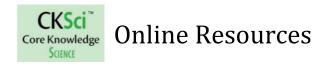
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## **Unit Capstone**

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#### **Online Resources**

#### **Crosscutting Concept:**

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#### 2 Cause and Effect

• From the Framework:

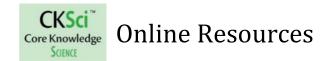
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#### 5 Energy and Matter

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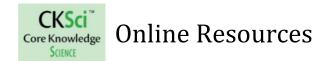
Unit Supplement →



## **Unit Supplement**

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	Understandings about the Nature of Science • Scientific Investigations Use a Variety of Methods
	<ul> <li>Scientific Knowledge Is Open to Revision in Light of New Evidence</li> <li>Science Is a Human Endeavor</li> </ul>
	Crosscutting Concept: 1 Patterns
	<ul> <li>From the Framework:</li> <li>Pages 85–87</li> </ul>
	Connections to Engineering, Technology and Applications of Science
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