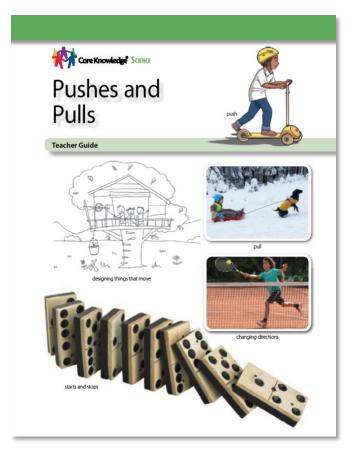
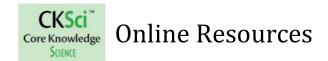
#### **Pushes and Pulls**

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 Acrobat Reader DC">Adobe Acrobat Reader DC</a>).

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Supplement	
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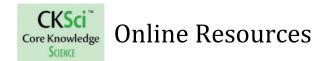




#### About this Unit

Page	Resource Links
2	<ul> <li>Note to Teachers and Curriculum Planners</li> <li>The learning progressions of Disciplinary Core Ideas PS2.A and PS2.B offers guidance regarding the scope and sequence of learning about forces and motion as well as types of interactions 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:  • K-PS2-1  • K-PS2-2
9	CKSci Online Resources Recommended Science Trade Books
11	NGSS References  • DCI • CCC • SEP
12	<ul> <li>Resources for Effective and Safe Classroom Activities</li> <li>Materials Supply List: Grade K Unit 1 Pushes and Pulls</li> </ul>

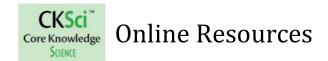
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# **Unit Opener**

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	Crosscutting Concept: 2 Cause and Effect  • From the Framework:  Pages 87–89
20	[VIDEO]Put Your Finger In the Air

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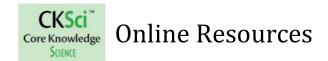
#### Lesson 1 Opener

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#### Lesson 1, Segment 1

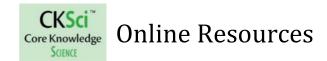
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	Science and Engineering Practice: 1 Asking Questions and Defining Problems
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	<ul> <li>Crosscutting Concept: 2 Cause and Effect</li> <li>From the Framework:</li> <li>Pages 87–89</li> </ul>

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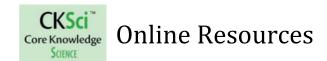
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31	Performance Expectation:  • K-PS2-1  Evidence Statements for K-PS2-1
	Disciplinary Core Idea:  PS2.A Forces and Motion  • From the Framework:  Pages 114–116
	Science and Engineering Practice: 3 Planning and Carrying Out Investigations  • From the Framework: Pages 59–61
	Crosscutting Concept: 2 Cause and Effect  • From the Framework:  Pages 87–89

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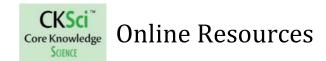
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44	[VIDEO]Push and Pull Forces

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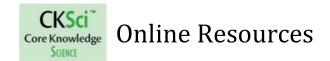
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55	[VIDEO] Kicking a Goal in Soccer

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	Science and Engineering Practice: 1 Asking Questions and Defining Problems  • From the Framework: Pages 54–56
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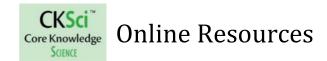
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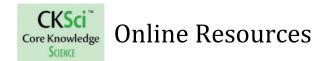
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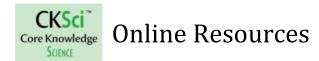
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	Crosscutting Concept: 2 Cause and Effect  • From the Framework:  Pages 87–89
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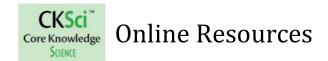
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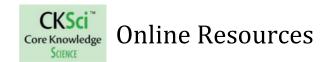
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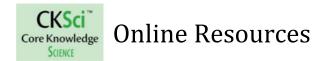
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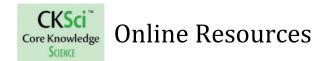
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