

# Online Resources

## Science in Action: Rowan and Gianna

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 [Adobe Reader](#)).

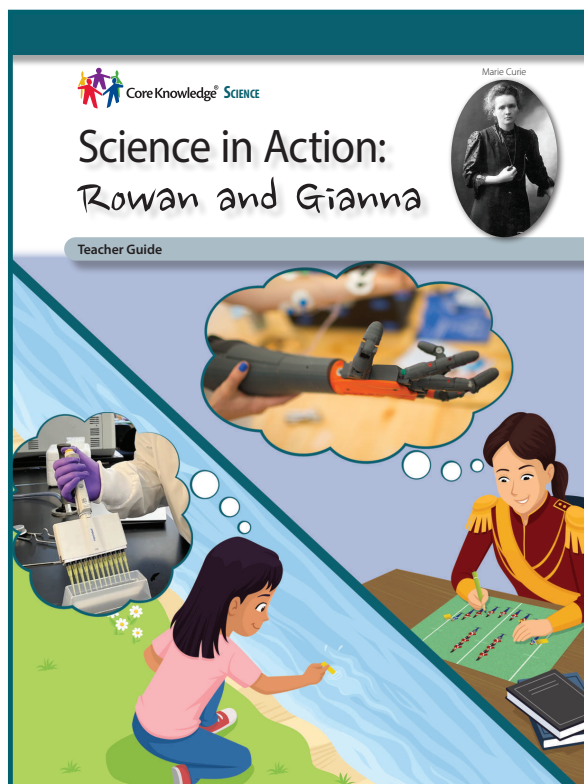
[Introduction](#)

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**NOTE:** Any entries with **UPDATED** listed mean the link's content has changed. This will not be reflected in the Teacher Guide print or online versions.

**NOTE:** There are no online resources for Lessons 1–3.

**CKSci Online Resources** may include links to sites external to the Core Knowledge Foundation, as well as the coreknowledge.org website. Please note that the external sites are owned and operated by third-parties; the Core Knowledge Foundation is not responsible for the content or maintenance of these third party resources. Teachers and parents should carefully review the content of these third party resources to determine if they appropriate for use with their students.

# Online Resources

## Science in Action: Rowan and Gianna

### Introduction

Page	Resource Links
1	<p><b>Note to Core Knowledge Teachers:</b></p> <p><a href="#">Core Knowledge Sequence</a> (Website)</p> <p>This unit emphasizes the Next Generation Science Standards (NGSS):</p> <p><a href="#">The Nature of Science (NOS)</a> (PDF Document)</p> <p><a href="#">Science and Engineering Practices (SEP)</a> (PDF Document)</p> <p><a href="#">Crosscutting Concepts (CCC)</a> (PDF Document)</p> <p><a href="#">Engineering Design</a> (PDF Document)</p> <p><a href="#">Science, Technology, Society and the Environment</a> (PDF Document)</p>
10–11	<a href="#">Common Core State Standards for English Language Arts</a> (PDF Document)
12–13	<a href="#">Materials List for Grade 5</a> (PDF Document)

← [Table of Contents](#)      [Experience A](#) →

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### Experience A

Page	Resource Links
27	<a href="#">YouTube - Chemistry Lesson</a>   <a href="#">pH Indicator</a>   <a href="#">Acid &amp; Base Experiment</a>   <a href="#">Science for Kids</a> (Video)

← [Introduction](#)      [First Lesson](#) →

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### Lesson 4

Page	Resource Links
36	<a href="#">PBS Learning Media - What are Robots?   Young Explorers</a> (Video)

← [Experience A](#)      [Experience B](#) →

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### Experience B

Page	Resource Links
42	<a href="#">PBS Learning Media - Scientist Profile: Mars Rover Engineer</a> (Video)

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### Teacher Resources

Page	Resource Links
12–13	<a href="#">Materials List for Grade 5</a> (PDF Document)
52	<a href="#">Answer Key for Activity Pages</a> (PDF Document)
53–56	<p><b>Teacher Guide Appendices:</b></p> <p><a href="#">Appendix A: Glossary</a> (PDF Document)</p> <p><a href="#">Appendix B: Safety</a> (PDF Document)</p> <p><a href="#">Appendix C: Strategies for Acquiring Materials</a> (PDF Document)</p> <p><b>Safety Resources:</b></p> <p><a href="#">National Science Teaching Association (NSTA) - Safety Alert</a> (Website)</p> <p><a href="#">U.S. Department of Education - Elementary &amp; Secondary Education</a> (Website)</p> <p><a href="#">National Cybersecurity Alliance - A Teacher's Guide To Student Online Safety</a> (Website)</p>

### Bonus Resources

[YouTube - Interview with Rowan](#) (Video)

[YouTube - Interview with Gianna](#) (Video)

← [Experience B](#)

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