

Online Resources

Science in Action: Christian and Skylar

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](#)

[Lesson 1](#)

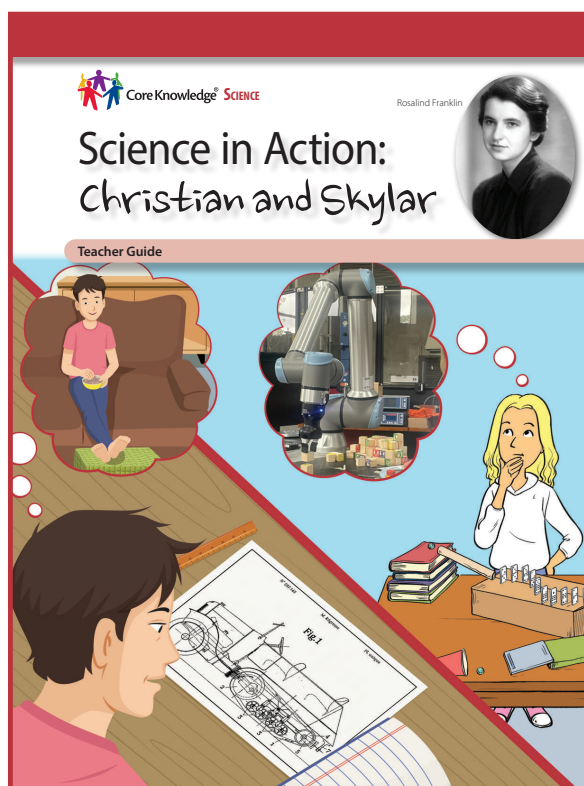
[Lesson 2](#)

[Lesson 3](#)

[Lesson 4](#)

[Experience B](#)

[Teacher Resources](#)



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.

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: Christian and Skylar

Introduction

Page	Resource Links
1	<p>Note to Core Knowledge Teachers:</p> <p>Core Knowledge Sequence (Website)</p> <p>This unit emphasizes the Next Generation Science Standards (NGSS):</p> <p>The Nature of Science (NOS) (PDF Document)</p> <p>Science and Engineering Practices (SEP) (PDF Document)</p> <p>Crosscutting Concepts (CCC) (PDF Document)</p> <p>Engineering Design (PDF Document)</p> <p>Science, Technology, Society and the Environment (PDF Document)</p>
9–10	Common Core State Standards for English Language Arts (PDF Document)
12	Materials List for Grade 3 (PDF Document)

← [Table of Contents](#) [First Lesson](#) →

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: Christian and Skylar

Lesson 1

Page	Resource Links
17	YouTube - Intro to Kanaka Maoli (Hawaiian) Lashing (Video) YouTube - Kua'iako Aho Hoa Wa'a (Video) YouTube - Lashing a Te Puke Voyaging Canoe (Video) YouTube - Quick Skills #2: 5 Simple Knots for Survival Pt.2 (Video)

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

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: Christian and Skylar

Lesson 2

Page	Resource Links
18	YouTube - Paper Weaving Basket How to make a Paper Easter Basket DIY Easter Basket (Video)
22	YouTube - RPI Engineering Ambassador on Paying it Forward (Video) YouTube - Day in the Life of an Engineering Student Western University (Video) YouTube - Kid's Perspective: Why Do You Want to Be an Engineer? (Video)

[← Previous Lesson](#)
[Next Lesson →](#)

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: Christian and Skylar

Lesson 3

Page	Resource Links
31	YouTube - Building a Chain Reaction with Household Materials 2 (Video) The Rube Goldberg Institute for Innovation & Creativity - A Cultural Icon (Website)
32	YouTube - All About Rube Goldberg Nat Geo Kids Cool Inventions Playlist (Video)

[← Previous Lesson](#)
[Next Lesson →](#)

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: Christian and Skylar

Lesson 4

Page	Resource Links
36	YouTube - I Want To Be An Engineer Books Read Aloud We Love STEM!! Career Day Books for Kids (Video)
37	YouTube - How Do Our Bodies Move? (Video) YouTube - How 3D Printers Work How Things Work with Kamri Noel (Video)

[← Previous Lesson](#)
[Experience B →](#)

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: Christian and Skylar

Experience B

Page	Resource Links
73	YouTube - Giant Kids' RUBE GOLDBERG Machine! Kids Invent Stuff (Video) YouTube - Easy Rube Goldberg Machine for Beginners: Track Trigger and Seesaw (Video)

[← Previous Lesson](#)
[Teacher Resources →](#)

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: Christian and Skylar

Teacher Resources

Page	Resource Links
12	Materials List for Grade 3 (PDF Document)
54	Answer Key for Activity Pages (PDF Document)
55–59	<p>Teacher Guide Appendices:</p> <p>Appendix A: Glossary (PDF Document)</p> <p>Appendix B: Safety (PDF Document)</p> <p>Appendix C: Strategies for Acquiring Materials (PDF Document)</p> <p>Safety Resources:</p> <p>National Science Teaching Association (NSTA) - Safety Alert (Website)</p> <p>U.S. Department of Education - Elementary & Secondary Education (Website)</p> <p>National Cybersecurity Alliance - A Teacher's Guide To Student Online Safety (Website)</p>

Bonus Resources

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

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

← [Experience B](#)

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.