

Online Resources

Science in Action: Pearl, Dan, & Kendrick

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](#)).

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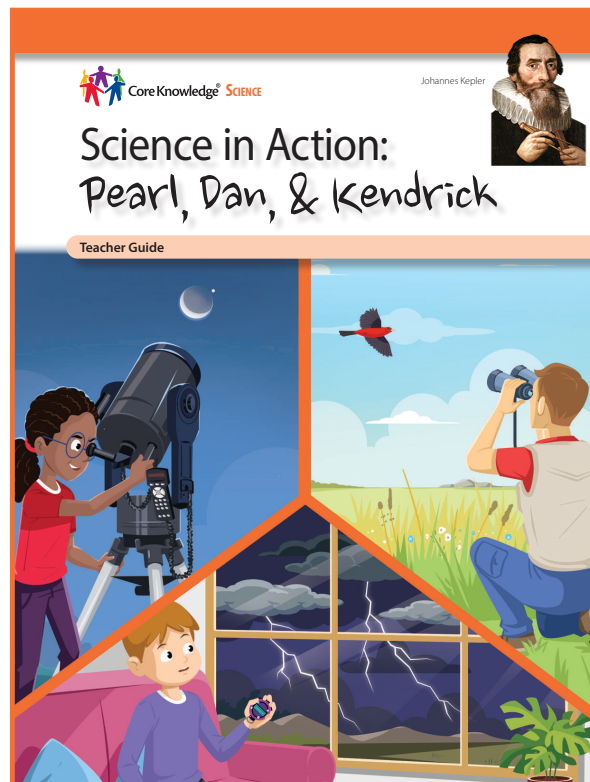
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NOTE: Any entries with **UPDATED** listed mean the link's content has changed. This will not be reflected in the Teacher Guide print or online versions.

NOTE: There are no online resources for Lesson 4.

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

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Introduction

Page	Resource Links
1	Note to Core Knowledge Teachers: Core Knowledge Sequence (Website) This unit emphasizes the Next Generation Science Standards (NGSS): The Nature of Science (NOS) (PDF Document) Science and Engineering Practices (SEP) (PDF Document) Crosscutting Concepts (CCC) (PDF Document) Engineering Design (PDF Document) Science, Technology, Society and the Environment (PDF Document)
9–10	Common Core State Standards for English Language Arts (PDF Document)
12–13	Materials List for Grade 4 (PDF Document)

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Lesson 1

Page	Resource Links
16	Space.com - Best stargazing apps 2025: AR Apps and Virtual Star Maps to Help You Navigate the Night Sky (Website) YouTube - The Planet Song - 8 Planets of the Solar System Song for Kids (Video)
17	NASA.gov (Website) YouTube - The Planets in Order from the Sun - Plus Interesting Planet Facts (Video)
18	NASA.gov (Website) YouTube - Real World: Small Bodies Orbiting the Sun (Video) PBS Learning Media - Clearing the Neighborhood Ready Jet Go! (Video)

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Lesson 2

Page	Resource Links
24	YouTube - Pond Scum Under the Microscope - Pondlife, Episode #1 (Video)

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Experience A

Page	Resource Links
27	Nemours KidsHealth - How Does the Nose Work? (Video)

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Lesson 3

Page	Resource Links
31	PBS Learning Media - What Is Weather? Young Explorers (Video)

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Experience B

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42	PBS Learning Media - Kid Meteorologist (Video)

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Lesson 5

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47	YouTube - Cyberchase Birdwatching in Cities (Video)

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Experience C

Page	Resource Links
51	YouTube - How to Use Binoculars Kids Outdoor Adventure Video (Video)

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Lesson 6

Page	Resource Links
55	YouTube - Our Pet Ant Farm Habitat is So Awesome! DIY Projects for Kids Kids Crafts Videos for Kids (Video)
57	World Wildlife Federation - Species Directory (Website)

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Experience D

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60	YouTube - Mimic Octopus: Master of Disguise (Video)

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Experience E

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64	YouTube - How to Make a Pan Trap (Katie Turo) (Video)

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Page	Resource Links
12–13	Materials List for Grade 4 (PDF Document)
79	Answer Key for Activity Pages (PDF Document)
80–84	Teacher Guide Appendices: Appendix A: Glossary (PDF Document) Appendix B: Safety (PDF Document) Appendix C: Strategies for Acquiring Materials (PDF Document) Safety Resources: National Science Teaching Association (NSTA) - Safety Alert (Website) U.S. Department of Education - Elementary & Secondary Education (Website) National Cybersecurity Alliance - A Teacher's Guide To Student Online Safety (Website)

Bonus Resources

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

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

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

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