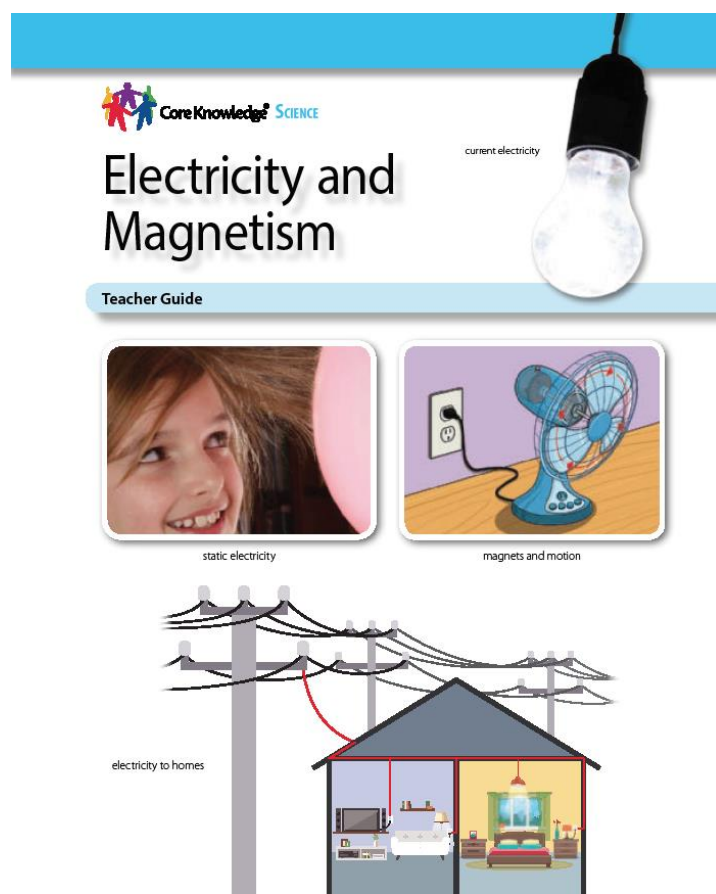


Electricity and Magnetism

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 Acrobat Reader DC](#)).

About this Unit

Page	Resource Links
2	To see an overview of the entire Core Knowledge Science program, visit this page.
2–3	This unit has been influenced by the following Next Generation Science Standards (NGSS) Performance Expectations: Topic—Engineering and Design • K-2-ETS1-1 • K-2-ETS1-2 • K-2-ETS1-3 • DCI • CCC • SEP
9	• Recommended Science Trade Books • Resources for Effective and Safe Classroom Activities
10	Materials Supply List: Grade 2 Unit 4 Electricity and Magnetism



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Online Resources

Lessons 1–10

Page	Resource Links
36 (Lesson 4)	[VIDEO] Teacher Background: Triboelectric Effect
45 (Lesson 5)	[VIDEO] Smart Grids (0:00–3:29)
60 (Lesson 8)	[IMAGE] Hand-Crank Generator (0:00–1:05)
65 (Lesson 9)	[VIDEO] Teacher Resource: Motor Video

NOTE: Preview all videos, and cue beyond introductory advertisements before classroom display. Many video clips are best displayed with the sound muted and supported by teacher explanation.

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Teacher Resources

Page	Resource Links
9	Resources for Effective and Safe Classroom Activities
10	Materials Supply List: Grade 2 Unit 4 Electricity and Magnetism
83	Activity Pages Answer Key
85	Safety in the Science Classroom: • NSTA Safety Resources • Safety Resources for Elementary Teachers
	Teacher Guide Appendices: • Appendix A: Glossary • Appendix B: Safety for Activities • Appendix C: Strategies for Acquiring Materials • Appendix D: Advance Preparation • Appendix E: Unexpected Activity Results

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