

**Science Fusion**  
Grade 2  
Homeschool Pacing Guide

## Unit 1: Work Like a Scientist

**Options for Instruction:** Two parallel paths meet the unit objectives, with a strong inquiry strand woven into each. Follow the Print Path, the Digital Path, or your customized combination of print, digital, and inquiry.

*Note:* Many of the Hands-on Inquiry activities can be completed using common, household objects. However, some do require more specialized scientific equipment. Please check the materials list in the TE.

Pacing Guide			
SE = Student Edition Interactive Worktext			TE = Teacher Edition
Days	Activity Type	Print Path	Digital Path
<b>Unit 1 Opener</b>			
<b>Lesson 1: How Do We Use Inquiry Skills?</b>			
1-2 days	Big Idea	SE/*TE, pp. 1–2	
	Lesson	SE/*TE, pp. 3–9	Screens 1–9
1 day	Hands-on Inquiry		+ Inquiry Flip Chart, p. 2 *TE, pp. 1D, 3A
1 day	Review	SE/*TE, pp. 10–12	
	Assessment		◊ Lesson 1 Quiz
<b>Lesson 2: How Do We Use Science Tools?</b>			
1-2 days	Lesson	SE/*TE, pp. 13–17	Screens 1–10
1 day	Hands-on Inquiry		+ Inquiry Flip Chart, p. 3 *TE, pp. 1E, 13A
1 day	Review	SE/*TE, pp. 18–20	
	Assessment		◊ Lesson 2 Quiz
1 day	Enrichment	People in Science, SE/*TE, pp. 21–22	

<b>Lesson 3: What Tools Can We Use?</b>			
1-2 days	Virtual Lab Hands-on Inquiry	SE, pp. 23–24	Screens 1–14 + Inquiry Flip Chart, p. 4 *TE, pp. 1F, 23A–24
1 day	Assessment		◊ Lesson 3 Quiz
<b>Lesson 4: How Do Scientists Think?</b>			
1-2 days	Lesson	SE/*TE, pp. 25–31	Screens 1–8
1 day	Hands-on Inquiry		+ Inquiry Flip Chart, p. 5 *TE, pp. 1G–1H, 25A
1 day	Review	SE/*TE, pp. 32–34	
	Assessment		◊ Lesson 4 Quiz
<b>Lesson 5: How Do We Solve a Problem?</b>			
1-2 days	Virtual Lab Hands-on Inquiry	SE, pp. 35–36	Screens 1–12 + Inquiry Flip Chart, p. 6 *TE, pp. 1I, 35A–36
1 day	Assessment		◊ Lesson 5 Quiz
<b>Unit 1 Review and Assessment</b>			
1 day	Review	SE/*TE, pp. 37–40	◊ Unit Quiz
1 day	Assessment		◊ Unit 1 Test

\* The digital Teacher Edition can be accessed through the Online Teacher Digital Management System at the Lesson Level.

Teacher Edition: Lesson Level Resources > Lesson Teacher Support > Teacher Edition

+ A pdf of the Inquiry Flip Charts can be accessed through the Online Teacher Digital Management System at the Lesson Level.

Inquiry Flip Chart: Lesson Level Resources > Lesson Inquiry Resources > Inquiry Flip Chart

◊ Online Assessments can be assigned to students through the Online Teacher Digital Management System. After you have assigned a Quiz or Test, the assignment will appear on your student's account in the Things to Do section. Students can then take the test online, and it will be scored automatically.

Lesson Quiz:

Lesson Level Resources > Lesson Assessment > Lesson Quiz (Online Assessment)

Unit Quiz:

Unit Level Resources > Unit Student Resources > Unit Quiz

Unit Test:

Unit Level Resources > Unit Assessment > Unit Test (Online Assessment)

Pdf versions of assessments and answer keys can be accessed through the Online Teacher Digital Management System.

Lesson Quiz:

Lesson Level Resources > Lesson Assessment > Lesson Quiz (Assessment Guide)

Lesson Level Resources > Lesson Assessment > Lesson Quiz Answers (Assessment Answer Key)

Unit Test:

Unit Level Resources > Unit Assessment > Unit Test (Assessment Guide)

Unit Level Resources > Unit Assessment > Unit Test Answers (Assessment Answer Key)

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## Unit 2: Technology and Our World

**Options for Instruction:** Two parallel paths meet the unit objectives, with a strong inquiry strand woven into each. Follow the Print Path, the Digital Path, or your customized combination of print, digital, and inquiry.

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Pacing Guide			
SE = Student Edition Interactive Worktext			TE = Teacher Edition
Days	Activity Type	Print Path	Digital Path
<b>Unit 2 Opener</b>			
<b>Lesson 1: What Is the Design Process?</b>			
1-2 days	Big Idea	SE/*TE, pp. 41–42	
	Lesson	SE/*TE, pp. 43–51	Screens 1–12
1 day	Hands-on Inquiry		+ Inquiry Flip Chart, p. 7 *TE, pp. 41D, 43A
1 day	Review	SE/*TE, pp. 52–54	
	Assessment		◊ Lesson 1 Quiz
<b>Lesson 2: How Can We Use the Design Process?</b>			
1-2 days	Virtual Lab		Screens 1–12
	Hands-on Inquiry	SE, pp. 55–56	+ Inquiry Flip Chart, p. 8 *TE, pp. 41E, 55A–56
1 day	Assessment		◊ Lesson 2 Quiz

<b>Lesson 3: What Is Technology?</b>			
1-2 days	Lesson	SE/*TE, pp. 57–65	Screens 1–12
1 day	Hands-on Inquiry		+ Inquiry Flip Chart, p. 9 *TE, pp. 41F, 57A
1 day	Review	SE/*TE, pp. 66–68	
	Assessment		◇ Lesson 3 Quiz
<b>Lesson 4: How Can We Improve Technology?</b>			
1-2 days	Virtual Lab		Screens 1–12
	Hands-on Inquiry	SE, pp. 69–70	+ Inquiry Flip Chart, p. 10 *TE, pp. 41G, 69A–70
1 day	Assessment		◇ Lesson 4 Quiz
1 day	Enrichment	Careers in Science, SE/*TE, pp. 71–72	
<b>Unit 2 Review and Assessment</b>			
1 day	Review	SE/*TE, pp. 73–76	◇ Unit Quiz
1 day	Assessment		◇ Unit 2 Test

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Teacher Edition: Lesson Level Resources > Lesson Teacher Support > Teacher Edition

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Inquiry Flip Chart: Lesson Level Resources > Lesson Inquiry Resources > Inquiry Flip Chart

◇ Online Assessments can be assigned to students through the Online Teacher Digital Management System. After you have assigned a Quiz or Test, the assignment will appear on your student's account in the Things to Do section. Students can then take the test online, and it will be scored automatically.

Lesson Quiz:

Lesson Level Resources > Lesson Assessment > Lesson Quiz (Online Assessment)

Unit Quiz:

Unit Level Resources > Unit Student Resources > Unit Quiz

Unit Test:

Unit Level Resources > Unit Assessment > Unit Test (Online Assessment)

Pdf versions of assessments and answer keys can be accessed through the Online Teacher Digital Management System.

Lesson Quiz:

Lesson Level Resources > Lesson Assessment > Lesson Quiz (Assessment Guide)

Lesson Level Resources > Lesson Assessment > Lesson Quiz Answers (Assessment Answer Key)

Unit Test:

Unit Level Resources > Unit Assessment > Unit Test (Assessment Guide)

Unit Level Resources > Unit Assessment > Unit Test Answers (Assessment Answer Key)

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### Unit 3: All About Animals

**Options for Instruction:** Two parallel paths meet the unit objectives, with a strong inquiry strand woven into each. Follow the Print Path, the Digital Path, or your customized combination of print, digital, and inquiry.

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Pacing Guide			
SE = Student Edition Interactive Worktext			TE = Teacher Edition
Days	Activity Type	Print Path	Digital Path
<b>Unit 3 Opener</b>			
<b>Lesson 1: What Are Animal Needs?</b>			
1-2 days	Big Idea	SE/*TE, pp. 77–78	
	Lesson	SE/*TE, pp. 79–85	Screens 1–8
1 day	Hands-on Inquiry		+ Inquiry Flip Chart, p. 11 *TE, pp. 77D, 79A
1 day	Review	SE/*TE, pp. 86–88	
	Assessment		◊ Lesson 1 Quiz
1 day	Enrichment	S.T.E.M., SE/*TE, pp. 89–90	+ Inquiry Flip Chart, p. 12 *TE, pp. 77D, 90A–90B
<b>Lesson 2: What Are Some Kinds of Animals?</b>			
1-2 days	Lesson	SE/*TE, pp. 91–99	Screens 1–14
1 day	Hands-on Inquiry		+ Inquiry Flip Chart, p. 13 *TE, pp. 77E, 91A
1 day	Review	SE/*TE, pp. 100–102	
	Assessment		◊ Lesson 2 Quiz

<b>Lesson 3: How Do Body Coverings Help Animals?</b>			
1-2 days	Virtual Lab Hands-on Inquiry	SE, pp. 103–104	Screens 1–11 + Inquiry Flip Chart, p. 14 *TE, pp. 77F, 103A–104
1 day	Assessment		◊ Lesson 3 Quiz
<b>Lesson 4: What Are Some Animal Life Cycles?</b>			
1-2 days	Lesson	SE/*TE, pp. 105–113	Screens 1–8
1 day	Hands-on Inquiry		+ Inquiry Flip Chart, p. 15 *TE, pp. 77G, 105A
1 day	Review	SE/*TE, pp. 114–116	
	Assessment		◊ Lesson 4 Quiz
1 day	Enrichment	People in Science, SE/*TE, pp. 117–118	
<b>Lesson 5: What Are Fossils?</b>			
1-2 days	Lesson	SE/*TE, pp. 119–125	Screens 1–12
1 day	Hands-on Inquiry		+ Inquiry Flip Chart, p. 16 *TE, pp. 77H, 119A
1 day	Review	SE/*TE, pp. 126–128	
	Assessment		◊ Lesson 5 Quiz
<b>Lesson 6: How Can We Model a Fossil?</b>			
1-2 days	Virtual Lab Hands-on Inquiry	SE, pp. 129–130	Screens 1–15 + Inquiry Flip Chart, p. 17 *TE, pp. 77I, 129A–130
1 day	Assessment		◊ Lesson 6 Quiz
<b>Unit 3 Review and Assessment</b>			
1 day	Review	SE/*TE, pp. 131–134	◊ Unit Quiz
1 day	Assessment		◊ Unit 3 Test



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Teacher Edition: Lesson Level Resources > Lesson Teacher Support > Teacher Edition

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Inquiry Flip Chart: Lesson Level Resources > Lesson Inquiry Resources > Inquiry Flip Chart

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Lesson Quiz:

Lesson Level Resources > Lesson Assessment > Lesson Quiz (Online Assessment)

Unit Quiz:

Unit Level Resources > Unit Student Resources > Unit Quiz

Unit Test:

Unit Level Resources > Unit Assessment > Unit Test (Online Assessment)

Pdf versions of assessments and answer keys can be accessed through the Online Teacher Digital Management System.

Lesson Quiz:

Lesson Level Resources > Lesson Assessment > Lesson Quiz (Assessment Guide)

Lesson Level Resources > Lesson Assessment > Lesson Quiz Answers (Assessment Answer Key)

Unit Test:

Unit Level Resources > Unit Assessment > Unit Test (Assessment Guide)

Unit Level Resources > Unit Assessment > Unit Test Answers (Assessment Answer Key)

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## Unit 4: All About Plants

**Options for Instruction:** Two parallel paths meet the unit objectives, with a strong inquiry strand woven into each. Follow the Print Path, the Digital Path, or your customized combination of print, digital, and inquiry.

*Note:* Many of the Hands-on Inquiry activities can be completed using common, household objects. However, some do require more specialized scientific equipment. Please check the materials list in the TE.

Pacing Guide			
SE = Student Edition Interactive Worktext			TE = Teacher Edition
Days	Activity Type	Print Path	Digital Path
<b>Unit 4 Opener</b>			
<b>Lesson 1: What Are Plant Needs?</b>			
1-2 days	Big Idea	SE/*TE, pp. 135–136	
	Lesson	SE/*TE, pp. 137–141	Screens 1–9
1 day	Hands-on Inquiry		+ Inquiry Flip Chart, p. 18 *TE, pp. 135D, 137A
1 day	Review	SE/*TE, pp. 142–144	
	Assessment		◊ Lesson 1 Quiz
1 day	Enrichment	S.T.E.M., SE/*TE, pp. 145–146	+ Inquiry Flip Chart, p. 19 *TE, pp. 135E, 146A–146B
<b>Lesson 2: What Do Plants Need to Grow?</b>			
1-2 days	Virtual Lab		Screens 1–12
	Hands-on Inquiry	SE, pp. 147–148	+ Inquiry Flip Chart, p. 20 *TE, pp. 135F, 147A–148
1 day	Assessment		◊ Lesson 2 Quiz

<b>Lesson 3: What Are Some Plant Parts?</b>			
1-2 days	Lesson	SE/*TE, pp. 149–155	Screens 1–12
1 day	Hands-on Inquiry		+ Inquiry Flip Chart, p. 21 *TE, pp. 135G, 149A
1 day	Review	SE/*TE, pp. 156–158	
	Assessment		◊ Lesson 3 Quiz
<b>Lesson 4: What Are Some Plant Life Cycles?</b>			
1-2 days	Lesson	SE/*TE, pp. 159–167	Screens 1–9
1 day	Hands-on Inquiry		+ Inquiry Flip Chart, p. 22 *TE, pp. 135H, 159A
1 day	Review	SE/*TE, pp. 168–170	
	Assessment		◊ Lesson 4 Quiz
<b>Lesson 5: How Does a Bean Plant Grow?</b>			
1-2 days	Virtual Lab		Screens 1–9
	Hands-on Inquiry	SE, pp. 171–172	+ Inquiry Flip Chart, p. 23 *TE, pp. 135I, 171A–172
1 day	Assessment		◊ Lesson 5 Quiz
1 day	Enrichment	People in Science, SE/*TE, pp. 173–174	
<b>Unit 4 Review and Assessment</b>			
1 day	Review	SE/*TE, pp. 175–178	◊ Unit Quiz
1 day	Assessment		◊ Unit 4 Test

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Inquiry Flip Chart: Lesson Level Resources > Lesson Inquiry Resources > Inquiry Flip Chart  
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◊ Online Assessments can be assigned to students through the Online Teacher Digital Management System. After you have assigned a Quiz or Test, the assignment will appear on your student's account in the Things to Do section. Students can then take the test online, and it will be scored automatically.

Lesson Quiz:

Lesson Level Resources > Lesson Assessment > Lesson Quiz (Online Assessment)

Unit Quiz:

Unit Level Resources > Unit Student Resources > Unit Quiz

Unit Test:

Unit Level Resources > Unit Assessment > Unit Test (Online Assessment)

Pdf versions of assessments and answer keys can be accessed through the Online Teacher Digital Management System.

Lesson Quiz:

Lesson Level Resources > Lesson Assessment > Lesson Quiz (Assessment Guide)

Lesson Level Resources > Lesson Assessment > Lesson Quiz Answers (Assessment Answer Key)

Unit Test:

Unit Level Resources > Unit Assessment > Unit Test (Assessment Guide)

Unit Level Resources > Unit Assessment > Unit Test Answers (Assessment Answer Key)

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## Unit 5: Environments for Living Things

**Options for Instruction:** Two parallel paths meet the unit objectives, with a strong inquiry strand woven into each. Follow the Print Path, the Digital Path, or your customized combination of print, digital, and inquiry.

*Note:* Many of the Hands-on Inquiry activities can be completed using common, household objects. However, some do require more specialized scientific equipment. Please check the materials list in the TE.

Pacing Guide			
SE = Student Edition Interactive Worktext			TE = Teacher Edition
Days	Activity Type	Print Path	Digital Path
<b>Unit 5 Opener</b>			
<b>Lesson 1: How Do Plants and Animals Need One Another?</b>			
1-2 days	Big Idea	SE/*TE, pp. 179–180	
	Lesson	SE/*TE, pp. 181–189	Screens 1–12
1 day	Hands-on Inquiry		+ Inquiry Flip Chart, p. 24 *TE, pp. 179D, 181A
1 day	Review	SE/*TE, pp. 190–192	
	Assessment		◊ Lesson 1 Quiz
<b>Lesson 2: How Are Living Things Adapted to Their Environments?</b>			
1-2 days	Lesson	SE/*TE, pp. 193–201	Screens 1–12
1 day	Hands-on Inquiry		+ Inquiry Flip Chart, p. 25 *TE, pp. 179E, 193A
1 day	Review	SE/*TE, pp. 202–204	
	Assessment		◊ Lesson 2 Quiz

<b>Lesson 3: Can Plants Survive in Different Environments?</b>			
1-2 days	Virtual Lab Hands-on Inquiry	SE, pp. 205–206	Screens 1–12 + Inquiry Flip Chart, p. 26 *TE, pp. 179F, 205A–206
1 day	Assessment		◊ Lesson 3 Quiz
1 day	Enrichment	S.T.E.M., SE/*TE, pp. 207–208	+ Inquiry Flip Chart, p. 27 *TE, pp. 179F, 208A–208B
<b>Lesson 4: How Do Environments Change Over Time?</b>			
1-2 days	Lesson	SE/*TE, pp. 209–215	Screens 1–12
1 day	Hands-on Inquiry		+ Inquiry Flip Chart, p. 28 *TE, pp. 179G, 209A
1 day	Review	SE/*TE, pp. 216–218	
	Assessment		◊ Lesson 4 Quiz
1 day	Enrichment	Careers in Science, SE/*TE, pp. 219–220	
<b>Unit 5 Review and Assessment</b>			
1 day	Review	SE/*TE, pp. 221–224	◊ Unit Quiz
1 day	Assessment		◊ Unit 5 Test

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Teacher Edition: Lesson Level Resources > Lesson Teacher Support > Teacher Edition

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Inquiry Flip Chart: Lesson Level Resources > Lesson Inquiry Resources > Inquiry Flip Chart

◊ Online Assessments can be assigned to students through the Online Teacher Digital Management System. After you have assigned a Quiz or Test, the assignment will appear on your student’s account in the Things to Do section. Students can then take the test online, and it will be scored automatically.

Lesson Quiz:

Lesson Level Resources > Lesson Assessment > Lesson Quiz (Online Assessment)

Unit Quiz:

Unit Level Resources > Unit Student Resources > Unit Quiz

Unit Test:

Unit Level Resources > Unit Assessment > Unit Test (Online Assessment)

Pdf versions of assessments and answer keys can be accessed through the Online Teacher Digital Management System.

Lesson Quiz:

Lesson Level Resources > Lesson Assessment > Lesson Quiz (Assessment Guide)

Lesson Level Resources > Lesson Assessment > Lesson Quiz Answers (Assessment Answer Key)

Unit Test:

Unit Level Resources > Unit Assessment > Unit Test (Assessment Guide)

Unit Level Resources > Unit Assessment > Unit Test Answers (Assessment Answer Key)

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## Unit 6: Earth and Its Resources

**Options for Instruction:** Two parallel paths meet the unit objectives, with a strong inquiry strand woven into each. Follow the Print Path, the Digital Path, or your customized combination of print, digital, and inquiry.

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Pacing Guide			
SE = Student Edition Interactive Worktext			TE = Teacher Edition
Days	Activity Type	Print Path	Digital Path
<b>Unit 6 Opener</b>			
<b>Lesson 1: What Changes Earth?</b>			
1-2 days	Big Idea	SE/*TE, pp. 225–226	
	Lesson	SE/*TE, pp. 227–235	Screens 1–12
1 day	Hands-on Inquiry		+ Inquiry Flip Chart, p. 29 *TE, pp. 225D, 227A
1 day	Review	SE/*TE, pp. 236–238	
	Assessment		◊ Lesson 1 Quiz
1 day	Enrichment	Careers in Science, SE/*TE, pp. 239–240	



<b>Lesson 2: What Are Natural Resources?</b>			
1-2 days	Lesson	SE/*TE, pp. 241–249	Screens 1–12
1 day	Hands-on Inquiry		+ Inquiry Flip Chart, p. 30 *TE, pp. 225E, 241A
1 day	Review	SE/*TE, pp. 250–252	
	Assessment		◇ Lesson 2 Quiz
1 day	Enrichment	S.T.E.M., SE/*TE, pp. 253–254	+ Inquiry Flip Chart, p. 31 *TE, pp. 225F, 254A–254B
<b>Lesson 3: How Can We Classify Plant Products?</b>			
1-2 days	Virtual Lab		Screens 1–12
	Hands-on Inquiry	SE, pp. 255–257	+ Inquiry Flip Chart, p. 32 *TE, pp. 225G, 255A–256
1 day	Assessment		◇ Lesson 3 Quiz
<b>Unit 6 Review and Assessment</b>			
1 day	Review	SE/*TE, pp. 259–262	◇ Unit Quiz
1 day	Assessment		◇ Unit 6 Test

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Teacher Edition: Lesson Level Resources > Lesson Teacher Support > Teacher Edition

+ A pdf of the Inquiry Flip Charts can be accessed through the Online Teacher Digital Management System at the Lesson Level.

Inquiry Flip Chart: Lesson Level Resources > Lesson Inquiry Resources > Inquiry Flip Chart

◇ Online Assessments can be assigned to students through the Online Teacher Digital Management System. After you have assigned a Quiz or Test, the assignment will appear on your student’s account in the Things to Do section. Students can then take the test online, and it will be scored automatically.

Lesson Quiz:

Lesson Level Resources > Lesson Assessment > Lesson Quiz (Online Assessment)

Unit Quiz:

Unit Level Resources > Unit Student Resources > Unit Quiz

Unit Test:

Unit Level Resources > Unit Assessment > Unit Test (Online Assessment)

Pdf versions of assessments and answer keys can be accessed through the Online Teacher Digital Management System.

Lesson Quiz:

Lesson Level Resources > Lesson Assessment > Lesson Quiz (Assessment Guide)

Lesson Level Resources > Lesson Assessment > Lesson Quiz Answers (Assessment Answer Key)

Unit Test:

Unit Level Resources > Unit Assessment > Unit Test (Assessment Guide)

Unit Level Resources > Unit Assessment > Unit Test Answers (Assessment Answer Key)

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## Unit 7: All About Weather

**Options for Instruction:** Two parallel paths meet the unit objectives, with a strong inquiry strand woven into each. Follow the Print Path, the Digital Path, or your customized combination of print, digital, and inquiry.

*Note:* Many of the Hands-on Inquiry activities can be completed using common, household objects. However, some do require more specialized scientific equipment. Please check the materials list in the TE.

Pacing Guide			
SE = Student Edition Interactive Worktext			TE = Teacher Edition
Days	Activity Type	Print Path	Digital Path
<b>Unit 7 Opener</b>			
<b>Lesson 1: How Does Weather Change?</b>			
1-2 days	Big Idea	SE/*TE, pp. 263–264	
	Lesson	SE/*TE, pp. 265–271	Screens 1–12
1 day	Hands-on Inquiry		+ Inquiry Flip Chart, p. 33 *TE, pp. 263D, 265A
1 day	Review	SE/*TE, pp. 272–274	
	Assessment		◊ Lesson 1 Quiz
<b>Lesson 2: How Does the Sun Heat Earth?</b>			
1-2 days	Virtual Lab		Screens 1–13
	Hands-on Inquiry	SE, pp. 275–276	+ Inquiry Flip Chart, p. 34 *TE, pp. 263E, 275A–276
1 day	Assessment		◊ Lesson 2 Quiz

<b>Lesson 3: What Are Some Weather Patterns?</b>			
1-2 days	Lesson	SE/*TE, pp. 277–283	Screens 1–12
1 day	Hands-on Inquiry		+ Inquiry Flip Chart, p. 35 *TE, pp. 263F, 277A
1 day	Review	SE/*TE, pp. 284–286	
	Assessment		◊ Lesson 3 Quiz
<b>Lesson 4: How Can We Measure Precipitation?</b>			
1-2 days	Virtual Lab		Screens 1–13
	Hands-on Inquiry	SE, pp. 287–288	+ Inquiry Flip Chart, p. 36 *TE, pp. 263G, 287A–288
1 day	Assessment		◊ Lesson 4 Quiz
<b>Lesson 5: How Do Seasons Affect Living Things?</b>			
1-2 days	Lesson	SE/*TE, pp. 289–295	Screens 1–13
1 day	Hands-on Inquiry		+ Inquiry Flip Chart, p. 37 *TE, pp. 263H, 289A
1 day	Review	SE/*TE, pp. 296–298	
	Assessment		◊ Lesson 5 Quiz
1 day	Enrichment	S.T.E.M., SE/*TE, pp. 299–300	+ Inquiry Flip Chart, p. 38 *TE, pp. 263I, 300A–300B
<b>Lesson 6: How Can We Prepare for Severe Weather?</b>			
1-2 days	Lesson	SE/*TE, pp. 301–305	Screens 1–10
1 day	Hands-on Inquiry		+ Inquiry Flip Chart, p. 39 *TE, pp. 263I, 301A
1 day	Review	SE/*TE, pp. 306–308	
	Assessment		◊ Lesson 6 Quiz
1 day	Enrichment	Careers in Science, SE/*TE, pp. 309–310	

Unit 7 Review and Assessment			
1 day	Review	SE/*TE, pp. 311–314	◊ Unit Quiz
1 day	Assessment		◊ Unit 7 Test

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Teacher Edition: Lesson Level Resources > Lesson Teacher Support > Teacher Edition

+ A pdf of the Inquiry Flip Charts can be accessed through the Online Teacher Digital Management System at the Lesson Level.

Inquiry Flip Chart: Lesson Level Resources > Lesson Inquiry Resources > Inquiry Flip Chart

◊ Online Assessments can be assigned to students through the Online Teacher Digital Management System. After you have assigned a Quiz or Test, the assignment will appear on your student’s account in the Things to Do section. Students can then take the test online, and it will be scored automatically.

Lesson Quiz:

Lesson Level Resources > Lesson Assessment > Lesson Quiz (Online Assessment)

Unit Quiz:

Unit Level Resources > Unit Student Resources > Unit Quiz

Unit Test:

Unit Level Resources > Unit Assessment > Unit Test (Online Assessment)

Pdf versions of assessments and answer keys can be accessed through the Online Teacher Digital Management System.

Lesson Quiz:

Lesson Level Resources > Lesson Assessment > Lesson Quiz (Assessment Guide)

Lesson Level Resources > Lesson Assessment > Lesson Quiz Answers (Assessment Answer Key)

Unit Test:

Unit Level Resources > Unit Assessment > Unit Test (Assessment Guide)

Unit Level Resources > Unit Assessment > Unit Test Answers (Assessment Answer Key)

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## Unit 8: The Solar System

**Options for Instruction:** Two parallel paths meet the unit objectives, with a strong inquiry strand woven into each. Follow the Print Path, the Digital Path, or your customized combination of print, digital, and inquiry.

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Pacing Guide			
SE = Student Edition Interactive Worktext			TE = Teacher Edition
Days	Activity Type	Print Path	Digital Path
<b>Unit 8 Opener</b>			
<b>Lesson 1: What Are Planets and Stars?</b>			
1-2 days	Big Idea	SE/*TE, pp. 315–316	
	Lesson	SE/*TE, pp. 317–323	Screens 1–11
1 day	Hands-on Inquiry		+ Inquiry Flip Chart, p. 40 *TE, pp. 315D, 317A
1 day	Review	SE/*TE, pp. 324–326	
	Assessment		◊ Lesson 1 Quiz
1 day	Enrichment	People in Science, SE/*TE, pp. 327–328	

<b>Lesson 2: What Causes Day and Night?</b>			
1-2 days	Lesson	SE/*TE, pp. 329–335	Screens 1–12
1 day	Hands-on Inquiry		+ Inquiry Flip Chart, p. 41 *TE, pp. 315E, 329A
1 day	Review	SE/*TE, pp. 336–338	
	Assessment		◊ Lesson 2 Quiz
1 day	Enrichment	S.T.E.M., SE/*TE, pp. 339–340	+ Inquiry Flip Chart, p. 42 *TE, pp. 315F, 340A–340B
<b>Lesson 3: How Can We Model Day and Night?</b>			
1-2 days	Virtual Lab		Screens 1–13
	Hands-on Inquiry	SE, pp. 341–342	+ Inquiry Flip Chart, p. 43 *TE, pp. 315G, 341A–342
1 day	Assessment		◊ Lesson 3 Quiz
<b>Unit 8 Review and Assessment</b>			
1 day	Review	SE/*TE, pp. 343–346	◊ Unit Quiz
1 day	Assessment		◊ Unit 8 Test

\* The digital Teacher Edition can be accessed through the Online Teacher Digital Management System at the Lesson Level.

Teacher Edition: Lesson Level Resources > Lesson Teacher Support > Teacher Edition

+ A pdf of the Inquiry Flip Charts can be accessed through the Online Teacher Digital Management System at the Lesson Level.

Inquiry Flip Chart: Lesson Level Resources > Lesson Inquiry Resources > Inquiry Flip Chart

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Lesson Quiz:

Lesson Level Resources > Lesson Assessment > Lesson Quiz (Online Assessment)

Unit Quiz:

Unit Level Resources > Unit Student Resources > Unit Quiz

Unit Test:

Unit Level Resources > Unit Assessment > Unit Test (Online Assessment)

Pdf versions of assessments and answer keys can be accessed through the Online Teacher Digital Management System.

Lesson Quiz:

Lesson Level Resources > Lesson Assessment > Lesson Quiz (Assessment Guide)

Lesson Level Resources > Lesson Assessment > Lesson Quiz Answers (Assessment Answer Key)

Unit Test:

Unit Level Resources > Unit Assessment > Unit Test (Assessment Guide)

Unit Level Resources > Unit Assessment > Unit Test Answers (Assessment Answer Key)



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## Unit 9: Changes in Matter

**Options for Instruction:** Two parallel paths meet the unit objectives, with a strong inquiry strand woven into each. Follow the Print Path, the Digital Path, or your customized combination of print, digital, and inquiry.

*Note:* Many of the Hands-on Inquiry activities can be completed using common, household objects. However, some do require more specialized scientific equipment. Please check the materials list in the TE.

Pacing Guide			
SE = Student Edition Interactive Worktext			TE = Teacher Edition
Days	Activity Type	Print Path	Digital Path
<b>Unit 9 Opener</b>			
<b>Lesson 1: What Is Matter?</b>			
1-2 days	Big Idea	SE/*TE, pp. 347–348	
	Lesson	SE/*TE, pp. 349–357	Screens 1–13
1 day	Hands-on Inquiry		+ Inquiry Flip Chart, p. 44 *TE, pp. 347D, 349A
1 day	Review	SE/*TE, pp. 358–360	
	Assessment		◊ Lesson 1 Quiz
<b>Lesson 2: How Can We Compare Volumes?</b>			
1-2 days	Virtual Lab		Screens 1–13
	Hands-on Inquiry	SE, pp. 361–362	+ Inquiry Flip Chart, p. 45 *TE, pp. 347E, 361A–362
1 day	Assessment		◊ Lesson 2 Quiz
1 day	Enrichment	S.T.E.M., SE/*TE, pp. 363–364	+ Inquiry Flip Chart, p. 46 *TE, pp. 347E, 364A–364B

<b>Lesson 3: How Does Matter Change?</b>			
1-2 days	Lesson	SE/*TE, pp. 365–369	Screens 1–11
1 day	Hands-on Inquiry		+ Inquiry Flip Chart, p. 47 *TE, pp. 347F, 365A
1 day	Review	SE/*TE, pp. 370–372	
	Assessment		◊ Lesson 3 Quiz
<b>Lesson 4: How Can Water Change States? / How Can the State of Matter Change?</b>			
1-2 days	Virtual Lab		Screens 1–13
	Hands-on Inquiry	SE, pp. 373–374	+ Inquiry Flip Chart, p. 48 *TE, pp. 347G, 373A–374
1 day	Assessment		◊ Lesson 4 Quiz
1 day	Enrichment	People in Science, SE/*TE, pp. 375–376	
<b>Unit 9 Review and Assessment</b>			
1 day	Review	SE/*TE, pp. 377–380	◊ Unit Quiz
1 day	Assessment		◊ Unit 9 Test

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Teacher Edition: Lesson Level Resources > Lesson Teacher Support > Teacher Edition

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Inquiry Flip Chart: Lesson Level Resources > Lesson Inquiry Resources > Inquiry Flip Chart

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Lesson Quiz:

Lesson Level Resources > Lesson Assessment > Lesson Quiz (Online Assessment)

Unit Quiz:

Unit Level Resources > Unit Student Resources > Unit Quiz

Unit Test:

Unit Level Resources > Unit Assessment > Unit Test (Online Assessment)

Pdf versions of assessments and answer keys can be accessed through the Online Teacher Digital Management System.

Lesson Quiz:

Lesson Level Resources > Lesson Assessment > Lesson Quiz (Assessment Guide)

Lesson Level Resources > Lesson Assessment > Lesson Quiz Answers (Assessment Answer Key)

Unit Test:

Unit Level Resources > Unit Assessment > Unit Test (Assessment Guide)

Unit Level Resources > Unit Assessment > Unit Test Answers (Assessment Answer Key)

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## Unit 10: Energy and Magnets

**Options for Instruction:** Two parallel paths meet the unit objectives, with a strong inquiry strand woven into each. Follow the Print Path, the Digital Path, or your customized combination of print, digital, and inquiry.

*Note:* Many of the Hands-on Inquiry activities can be completed using common, household objects. However, some do require more specialized scientific equipment. Please check the materials list in the TE.

Pacing Guide			
SE = Student Edition Interactive Worktext			TE = Teacher Edition
Days	Activity Type	Print Path	Digital Path
<b>Unit 10 Opener</b>			
<b>Lesson 1: What Is Energy?</b>			
1-2 days	Big Idea	SE/*TE, pp. 381–382	
	Lesson	SE/*TE, pp. 383–391	Screens 1–12
1 day	Hands-on Inquiry		+ Inquiry Flip Chart, p. 49 *TE, pp. 381D, 383A
1 day	Review	SE/*TE, pp. 392–394	
	Assessment		◊ Lesson 1 Quiz
1 day	Enrichment	People in Science, SE/*TE, pp. 395–396	

<b>Lesson 2: What Are Magnets?</b>			
1-2 days	Lesson	SE/*TE, pp. 397–403	Screens 1–9
1 day	Hands-on Inquiry		+ Inquiry Flip Chart, p. 50 *TE, pp. 381E, 397A
1 day	Review	SE/*TE, pp. 404–406	
	Assessment		◊ Lesson 2 Quiz
1 day	Enrichment	S.T.E.M., SE/*TE, pp. 407–408	+ Inquiry Flip Chart, p. 51 *TE, pp. 381F, 408A–408B
<b>Lesson 3: How Strong Is a Magnet?</b>			
1-2 days	Virtual Lab		Screens 1–13
	Hands-on Inquiry	SE, pp. 409–410	+ Inquiry Flip Chart, p. 52 *TE, pp. 381G, 409A–410
1 day	Assessment		◊ Lesson 3 Quiz
<b>Unit 10 Review and Assessment</b>			
1 day	Review	SE/*TE, pp. 411–414	◊ Unit Quiz
1 day	Assessment		◊ Unit 10 Test

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Teacher Edition: Lesson Level Resources > Lesson Teacher Support > Teacher Edition

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Inquiry Flip Chart: Lesson Level Resources > Lesson Inquiry Resources > Inquiry Flip Chart

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Lesson Quiz:

Lesson Level Resources > Lesson Assessment > Lesson Quiz (Online Assessment)

Unit Quiz:

Unit Level Resources > Unit Student Resources > Unit Quiz

Unit Test:

Unit Level Resources > Unit Assessment > Unit Test (Online Assessment)

Pdf versions of assessments and answer keys can be accessed through the Online Teacher Digital Management System.

Lesson Quiz:

Lesson Level Resources > Lesson Assessment > Lesson Quiz (Assessment Guide)

Lesson Level Resources > Lesson Assessment > Lesson Quiz Answers (Assessment Answer Key)

Unit Test:

Unit Level Resources > Unit Assessment > Unit Test (Assessment Guide)

Unit Level Resources > Unit Assessment > Unit Test Answers (Assessment Answer Key)