

Science Fusion
Grade 1
Homeschool Pacing Guide

Unit 1: How Scientists Work

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
Unit 1 Opener			
Lesson 1: What Are Senses and Other Tools?			
1-2 days	Big Idea	SE/*TE, pp. 1-2	
	Lesson	SE/*TE, pp. 3-11	Screens 1-9
1 day	Hands-on Inquiry		+ Inquiry Flip Chart, p. 2 *TE, p 1D, 3A
1 day	Review	SE/*TE, pp. 12-14	
	Assessment		◊ Lesson 1 Quiz
Lesson 2: How Can We Use Our Senses?			
1-2 days	Virtual Lab		Screens 1-12
	Hands-on Inquiry	SE, pp. 15-16	+ Inquiry Flip Chart, p. 3 *TE, pp. 1E, 15A-16
1 day	Assessment		◊ Lesson 2 Quiz

Lesson 3: What Are Inquiry Skills?			
1-2 days	Lesson	SE/*TE, pp. 17–23	Screens 1–9
1 day	Hands-on Inquiry		+ Inquiry Flip Chart, p. 4 *TE, pp. 1F, 17A
1 day	Review	SE/*TE, pp. 24–26	
	Assessment		◊ Lesson 3 Quiz
Lesson 4: How Do We Use Inquiry Skills?			
1-2 days	Virtual Lab		Screens 1–12
	Hands-on Inquiry	SE, pp. 27–28	+ Inquiry Flip Chart, p. 5 *TE, pp. 1G, 27A–28
1 day	Assessment		◊ Lesson 4 Quiz
Lesson 5: How Do Scientists Work?			
1-2 days	Lesson	SE/*TE, pp. 29–35	Screens 1–10
1 day	Hands-on Inquiry		+ Inquiry Flip Chart, p. 6 *TE, pp. 1H, 29A
1 day	Review	SE/*TE, pp. 36–38	
	Assessment		◊ Lesson 5 Quiz
1 day	Enrichment	People in Science, SE/*TE, pp. 39–40	
Unit 1 Review and Assessment			
1 day	Review	SE/*TE, pp. 41–44	◊ 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 All Around Us

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
Unit 2 Opener			
Lesson 1: How Do Engineers Work?			
1-2 days	Big Idea	SE/*TE, pp. 45–46	
	Lesson	SE/*TE, pp. 47–55	Screens 1–12
1 day	Hands-on Inquiry		+ Inquiry Flip Chart, p. 7 *TE, p 45D, 47A
1 day	Review	SE/*TE, pp. 56–57	
	Assessment		◊ Lesson 1 Quiz
Lesson 2: How Can We Solve a Problem?			
1-2 days	Virtual Lab		Screens 1–12
	Hands-on Inquiry	SE, pp. 59–60	+ Inquiry Flip Chart, p. 8 *TE, pp. 45E, 59A–60
1 day	Assessment		◊ Lesson 2 Quiz

Lesson 3: What Materials Make Up Objects?			
1-2 days	Lesson	SE/*TE, pp. 61–69	Screens 1–12
1 day	Hands-on Inquiry		+ Inquiry Flip Chart, p. 9 *TE, pp. 45F, 61A
1 day	Review	SE/*TE, pp. 70–72	
	Assessment		◊ Lesson 3 Quiz
Lesson 4: How Can Materials Be Sorted?			
1-2 days	Virtual Lab		Screens 1–12
	Hands-on Inquiry	SE, pp. 73–74	+ Inquiry Flip Chart, p. 10 *TE, pp. 45G, 73A–74
1 day	Assessment		◊ Lesson 4 Quiz
1 day	Enrichment	People in Science, SE/*TE, pp. 75–76	
Unit 2 Review and Assessment			
1 day	Review	SE/*TE, pp. 77–80	◊ 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

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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 3: 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.

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
Unit 3 Opener			
Lesson 1: What Are Living and Nonliving Things?			
1-2 days	Big Idea	SE/*TE, pp. 81–82	
	Lesson	SE/*TE, pp. 83–89	Screens 1–9
1 day	Hands-on Inquiry		+ Inquiry Flip Chart, p. 11 *TE, p 81D, 83A
1 day	Review	SE/*TE, pp. 90–92	
	Assessment		◊ Lesson 1 Quiz
Lesson 2: What Do Animals Need?			
1-2 days	Lesson	SE/*TE, pp. 93–101	Screens 1–10
1 day	Hands-on Inquiry		+ Inquiry Flip Chart, p. 12 *TE, pp. 81E, 93A
1 day	Review	SE/*TE, pp. 102–104	
	Assessment		◊ Lesson 2 Quiz
1 day	Enrichment	S.T.E.M., SE/*TE, pp. 105–106	+ Inquiry Flip Chart, p. 13 *TE, pp. 81F, 106A–106B

Lesson 3: How Are Animals Different?			
1-2 days	Lesson	SE/*TE, pp. 107-115	Screens 1-11
1 day	Hands-on Inquiry		+ Inquiry Flip Chart, p. 14 *TE, pp. 81F-81G, 107A
1 day	Review	SE/*TE, pp. 116-118	
	Assessment		◊ Lesson 3 Quiz
Lesson 4: How Can We Group Animals?			
1-2 days	Virtual Lab		Screens 1-11
	Hands-on Inquiry	SE, pp. 119-121	+ Inquiry Flip Chart, p. 15 *TE, pp. 81G, 119A-120
1 day	Assessment		◊ Lesson 4 Quiz
1 day	Enrichment	Careers in Science, SE/*TE, pp. 123-124	
Unit 3 Review and Assessment			
1 day	Review	SE/*TE, pp. 125-128	◊ 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

◊ 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 4: 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
Unit 4 Opener			
Lesson 1: What Do Plants Need?			
1-2 days	Big Idea	SE/*TE, pp. 129–130	
	Lesson	SE/*TE, pp. 131–137	Screens 1–11
1 day	Hands-on Inquiry		+ Inquiry Flip Chart, p. 16 *TE, p 129D, 131A
1 day	Review	SE/*TE, pp. 138–140	
	Assessment		◇ Lesson 1 Quiz
Lesson 2: Why Do Plants Grow?			
1-2 days	Virtual Lab		Screens 1–13
	Hands-on Inquiry	SE, pp. 141–142	+ Inquiry Flip Chart, p. 17 *TE, pp. 129E, 141A–142
1 day	Assessment		◇ Lesson 2 Quiz

Lesson 3: What Are Some Parts of Plants?			
1-2 days	Lesson	SE/*TE, pp. 143–149	Screens 1–10
1 day	Hands-on Inquiry		+ Inquiry Flip Chart, p. 18 *TE, pp. 129F, 143A
1 day	Review	SE/*TE, pp. 150–152	
	Assessment		◊ Lesson 3 Quiz
1 day	Enrichment	People in Science, SE/*TE, pp. 153–154	
Lesson 4: How Are Plants Different?			
1-2 days	Lesson	SE/*TE, pp. 155–161	Screens 1–10
1 day	Hands-on Inquiry		+ Inquiry Flip Chart, p. 19 *TE, pp. 129G, 155A
1 day	Review	SE/*TE, pp. 162–164	
	Assessment		◊ Lesson 4 Quiz
Lesson 5: How Can We Compare Leaves? / How Are Plants of the Same Kind Different?			
1-2 days	Virtual Lab		Screens 1–13
	Hands-on Inquiry	SE, pp. 165–166	+ Inquiry Flip Chart, p. 20 *TE, pp. 129H, 165A–166
1 day	Assessment		◊ Lesson 5 Quiz
1 day	Enrichment	S.T.E.M., SE/*TE, pp. 167–168	+ Inquiry Flip Chart, p. 21 *TE, pp. 129I, 168A–168B
Unit 4 Review and Assessment			
1 day	Review	SE/*TE, pp. 169–172	◊ Unit Quiz
1 day	Assessment		◊ Unit 4 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 5: Environments

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
Unit 5 Opener			
Lesson 1: Where Do Plants and Animals Live?			
1-2 days	Big Idea	SE/*TE, pp. 173–174	
	Lesson	SE/*TE, pp. 175–183	Screens 1–12
1 day	Hands-on Inquiry		+ Inquiry Flip Chart, p. 22 *TE, p 173D–173E, 175A
1 day	Review	SE/*TE, pp. 184–186	
	Assessment		◇ Lesson 1 Quiz
1 day	Enrichment	Careers in Science, SE/*TE, pp. 187–188	

Lesson 2: What Is a Terrarium?			
1-2 days	Virtual Lab Hands-on Inquiry	SE, pp. 189–190	Screens 1–13 + Inquiry Flip Chart, p. 23 *TE, pp. 173F, 189A–190
1 day	Assessment		◇ Lesson 2 Quiz
1 day	Enrichment	S.T.E.M., SE/*TE, pp. 191–192	+ Inquiry Flip Chart, p. 24 *TE, pp. 173G, 192A–192B
Unit 5 Review and Assessment			
1 day	Review	SE/*TE, pp. 193–196	◇ Unit Quiz
1 day	Assessment		◇ Unit 5 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 6: Earth's 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.

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
Unit 6 Opener			
Lesson 1: What Can We Find on Earth?			
1-2 days	Big Idea	SE/*TE, pp. 197–198	
	Lesson	SE/*TE, pp. 199–205	Screens 1–8
1 day	Hands-on Inquiry		+ Inquiry Flip Chart, p. 25 *TE, p 197D, 199A
1 day	Review	SE/*TE, pp. 206–208	
	Assessment		◊ Lesson 1 Quiz
1 day	Enrichment	People in Science, SE/*TE, pp. 209–210	
Lesson 2: What Are Rocks and Soil?			
1-2 days	Lesson	SE/*TE, pp. 211–217	Screens 1–12
1 day	Hands-on Inquiry		+ Inquiry Flip Chart, p. 26 *TE, pp. 197E, 211A
1 day	Review	SE/*TE, pp. 218–220	
	Assessment		◊ Lesson 2 Quiz

Lesson 3: What Can We Observe About Rocks?			
1-2 days	Virtual Lab		Screens 1–14
	Hands-on Inquiry	SE, pp. 221–222	+ Inquiry Flip Chart, p. 27 *TE, pp. 197F, 221A–222
1 day	Assessment		◇ Lesson 3 Quiz
Lesson 4: How Do Soils Differ?			
1-2 days	Virtual Lab		Screens 1–13
	Hands-on Inquiry	SE, pp. 223–224	+ Inquiry Flip Chart, p. 28 *TE, pp. 197G, 223A–224
1 day	Assessment		◇ Lesson 4 Quiz
Lesson 5: Where Can We Find Water?			
1-2 days	Lesson	SE/*TE, pp. 225–233	Screens 1–9
1 day	Hands-on Inquiry		+ Inquiry Flip Chart, p. 29 *TE, pp. 197H, 225A
1 day	Review	SE/*TE, pp. 234–236	
	Assessment		◇ Lesson 5 Quiz
Lesson 6: How Can We Save Resources?			
1-2 days	Lesson	SE/*TE, pp. 237–245	Screens 1–12
1 day	Hands-on Inquiry		+ Inquiry Flip Chart, p. 30 *TE, pp. 197I, 237A
1 day	Review	SE/*TE, pp. 246–248	
	Assessment		◇ Lesson 6 Quiz
1 day	Enrichment	S.T.E.M., SE/*TE, pp. 249–250	+ Inquiry Flip Chart, p. 31 *TE, pp. 197I, 250A–250B

Unit 6 Review and Assessment			
1 day	Review	SE/*TE, pp. 251–254	◊ Unit Quiz
1 day	Assessment		◊ Unit 6 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 7: Weather and Seasons

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
Unit 7 Opener			
Lesson 1: What Is Weather?			
1-2 days	Big Idea	SE/*TE, pp. 255–256	
	Lesson	SE/*TE, pp. 257–263	Screens 1–11
1 day	Hands-on Inquiry		+ Inquiry Flip Chart, p. 32 *TE, p 255D, 257A
1 day	Review	SE/*TE, pp. 264–266	
	Assessment		◇ Lesson 1 Quiz
Lesson 2: What Can We Observe About Weather?			
1-2 days	Virtual Lab		Screens 1–12
	Hands-on Inquiry	SE, pp. 267–269	+ Inquiry Flip Chart, p. 33 *TE, pp. 255E, 267A–268
1 day	Assessment		◇ Lesson 2 Quiz
1 day	Enrichment	People in Science, SE/*TE, pp. 271–272	

Lesson 3: What Are Seasons?			
1-2 days	Lesson	SE/*TE, pp. 273–281	Screens 1–12
1 day	Hands-on Inquiry		+ Inquiry Flip Chart, p. 34 *TE, pp. 255F, 273A
1 day	Review	SE/*TE, pp. 282–284	
	Assessment		◊ Lesson 3 Quiz
1 day	Enrichment	S.T.E.M., SE/*TE, pp. 285–286	+ Inquiry Flip Chart, p. 35 *TE, pp. 255G, 286A–286B
Unit 7 Review and Assessment			
1 day	Review	SE/*TE, pp. 287–290	◊ 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: Objects in the Sky

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
Unit 8 Opener			
Lesson 1: What Can We See in the Sky?			
1-2 days	Big Idea	SE/*TE, pp. 291–292	
	Lesson	SE/*TE, pp. 293–299	Screens 1–8
1 day	Hands-on Inquiry		+ Inquiry Flip Chart, p. 36 *TE, p 291D, 293A
1 day	Review	SE/*TE, pp. 300–302	
	Assessment		◇ Lesson 1 Quiz
1 day	Enrichment	People in Science, SE/*TE, pp. 303–304	
Lesson 2: How Does the Sky Seem to Change?			
1-2 days	Lesson	SE/*TE, pp. 305–311	Screens 1–12
1 day	Hands-on Inquiry		+ Inquiry Flip Chart, p. 37 *TE, pp. 291E, 305A
1 day	Review	SE/*TE, pp. 312–314	
	Assessment		◇ Lesson 2 Quiz

Lesson 3: How Does the Sun Seem to Move?			
1-2 days	Virtual Lab Hands-on Inquiry	SE, pp. 315–316	Screens 1–14 + Inquiry Flip Chart, p. 38 *TE, pp. 291F, 315A–316
1 day	Assessment		◇ Lesson 3 Quiz
1 day	Enrichment	S.T.E.M., SE/*TE, pp. 317–318	+ Inquiry Flip Chart, p. 39 *TE, pp. 291G, 318A–318B
Unit 8 Review and Assessment			
1 day	Review	SE/*TE, pp. 319–322	◇ 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

◇ 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 9: All About 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
Unit 9 Opener			
Lesson 1: What Can We Observe About Objects?			
1-2 days	Big Idea	SE/*TE, pp. 323–324	
	Lesson	SE/*TE, pp. 325–333	Screens 1–10
1 day	Hands-on Inquiry		+ Inquiry Flip Chart, p. 40 *TE, p 323D, 325A
1 day	Review	SE/*TE, pp. 334–336	
	Assessment		◇ Lesson 1 Quiz
1 day	Enrichment	Careers in Science, SE/*TE, pp. 337–338	
Lesson 2: What Are Solids, Liquids, and Gases?			
1-2 days	Lesson	SE/*TE, pp. 339–345	Screens 1–12
1 day	Hands-on Inquiry		+ Inquiry Flip Chart, p. 41 *TE, pp. 323E, 339A
1 day	Review	SE/*TE, pp. 346–348	
	Assessment		◇ Lesson 2 Quiz

Lesson 3: How Can We Measure Temperature?			
1-2 days	Virtual Lab Hands-on Inquiry	SE, pp. 349–350	Screens 1–11 + Inquiry Flip Chart, p. 42 *TE, pp. 323F, 349A–350
1 day	Assessment		◊ Lesson 3 Quiz
Lesson 4: How Can Matter Change?			
1-2 days	Lesson	SE/*TE, pp. 351–357	Screens 1–12
1 day	Hands-on Inquiry		+ Inquiry Flip Chart, p. 43 *TE, pp. 323G, 351A
1 day	Review	SE/*TE, pp. 358–360	
	Assessment		◊ Lesson 4 Quiz
Lesson 5: What Dissolves in Water? / How Can We Change Matter?			
1-2 days	Virtual Lab Hands-on Inquiry	SE, pp. 361–362	Screens 1–12 + Inquiry Flip Chart, p. 44 *TE, pp. 323H, 361A–362
1 day	Assessment		◊ Lesson 5 Quiz
1 day	Enrichment	S.T.E.M., SE/*TE, pp. 363–364	+ Inquiry Flip Chart, p. 45 *TE, pp. 323I, 364A–364B
Unit 9 Review and Assessment			
1 day	Review	SE/*TE, pp. 365–368	◊ Unit Quiz
1 day	Assessment		◊ Unit 9 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)

Science Fusion
Grade 1
Homeschool Pacing Guide

Unit 10: Forces and Energy

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
Unit 10 Opener			
Lesson 1: How Do Objects Move?			
1-2 days	Big Idea	SE/*TE, pp. 369–370	
	Lesson	SE/*TE, pp. 371–375	Screens 1–9
1 day	Hands-on Inquiry		+ Inquiry Flip Chart, p. 46 *TE, p 369D, 371A
1 day	Review	SE/*TE, pp. 376–378	
	Assessment		◇ Lesson 1 Quiz
Lesson 2: How Can We Change the Way Objects Move?			
1-2 days	Lesson	SE/*TE, pp. 379–387	Screens 1–8
1 day	Hands-on Inquiry		+ Inquiry Flip Chart, p. 47 *TE, pp. 369E, 379A
1 day	Review	SE/*TE, pp. 388–390	
	Assessment		◇ Lesson 2 Quiz
1 day	Enrichment	People in Science, SE/*TE, pp. 391–392	

Lesson 3: How Can We Change Motion?			
1-2 days	Virtual Lab Hands-on Inquiry	SE, pp. 393–394	Screens 1–13 + Inquiry Flip Chart, p. 48 *TE, pp. 369F, 393A–394
1 day	Assessment		◊ Lesson 3 Quiz
Lesson 4: What Is Sound?			
1-2 days	Lesson	SE/*TE, pp. 395–401	Screens 1–12
1 day	Hands-on Inquiry		+ Inquiry Flip Chart, p. 49 *TE, pp. 369G, 395A
1 day	Review	SE/*TE, pp. 402–404	
	Assessment		◊ Lesson 4 Quiz
Lesson 5: How Do We Make Sound?			
1-2 days	Virtual Lab Hands-on Inquiry	SE, pp. 405–406	Screens 1–13 + Inquiry Flip Chart, p. 50 *TE, pp. 369H, 405A–406
1 day	Assessment		◊ Lesson 3 Quiz
1 day	Enrichment	S.T.E.M., SE/*TE, pp. 407–408	+ Inquiry Flip Chart, p. 51 *TE, pp. 369I, 408A–408B
Unit 10 Review and Assessment			
1 day	Review	SE/*TE, pp. 409–412	◊ Unit Quiz
1 day	Assessment		◊ Unit 10 Test

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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)