

Science Fusion
Grade 3
Homeschool Pacing Guide

Unit 1: Investigating Questions

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: How Do Scientists Investigate Questions			
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 You Use a Model?			
1-2 days	Virtual Lab		Screens 1–13
	Hands-on Inquiry	SE, pp. 15–16	Inquiry Flip Chart, p. 3 *TE, p. 1E, 15A–16
1 day	Assessment		◊ Lesson 2 Quiz

Lesson 3: How Do Scientists Use Tools?			
1-2 days	Lesson	SE/*TE, pp. 17–25	Screens 1–8
1 day	Hands-on Inquiry		Inquiry Flip Chart, p. 4 *TE, p. 1F, 17A
1 day	Review	SE/*TE, pp. 26–28	
	Assessment		◊ Lesson 3 Quiz
Lesson 4: How Can You Measure Length?			
1-2 days	Virtual Lab		Screens 1–11
	Hands-on Inquiry	SE, pp. 29–31	Inquiry Flip Chart, p. 5 *TE, p. 1G, 29A–31
1 day	Assessment		◊ Lesson 4 Quiz
Lesson 5: How Do Scientists Use Data?			
1-2 days	Lesson	SE/*TE, pp. 33–41	Screens 1–10
1 day	Hands-on Inquiry		Inquiry Flip Chart, p. 6 *TE, p. 1H, 33A
1 day	Review	SE/*TE, pp. 42–44	
	Assessment		◊ Lesson 5 Quiz
Lesson 6: How Do Your Results Compare?			
1-2 days	Virtual Lab		Screens 1–12
	Hands-on Inquiry	SE, pp. 45–46	Inquiry Flip Chart, p. 7 *TE, p. 1I, 45A–46
1 day	Assessment		◊ Lesson 6 Quiz
1 day	Enrichment	Careers in Science, SE/*TE, pp. 47–48	People in Science

Unit 1 Review and Assessment			
1 day	Review	SE/*TE, pp. 49–52	Online Unit Self 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

◊ 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 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: The Engineering Process

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 Use the Design Process?			
1-2 days	Big Idea	SE/*TE, pp. 53–54	
	Lesson	SE/*TE, pp. 55–63	Screens 1–15
1 day	Hands-on Inquiry		Inquiry Flip Chart, p. 8 *TE, p. 53D, 55A
1 day	Review	SE/*TE, pp. 64–66	
	Assessment		◊ Lesson 1 Quiz
Lesson 2: How Can You Design a Tree House?			
1-2 days	Virtual Lab		Screens 1–11
	Hands-on Inquiry	SE, pp. 67–68	Inquiry Flip Chart, p. 9 *TE, p. 53E, 67A–68
1 day	Assessment		◊ Lesson 2 Quiz

Lesson 3: How Are Technology and Society Related?			
1-2 days	Lesson	SE/*TE, pp. 69–77	Screens 1–12
1 day	Hands-on Inquiry		Inquiry Flip Chart, p. 10 *TE, p. 53F, 69A
1 day	Review	SE/*TE, pp. 78–80	
	Assessment		◊ Lesson 3 Quiz
Lesson 4: How Can We Improve a Design?			
1-2 days	Virtual Lab		Screens 1–12
	Hands-on Inquiry	SE, pp. 81–82	Inquiry Flip Chart, p. 11 *TE, p. 53G, 81A–82
1 day	Assessment		◊ Lesson 4 Quiz
1 day	Enrichment	Careers in Science, SE/*TE, pp. 83–84	People in Science
Unit 2 Review and Assessment			
1 day	Video-Based Project		Take It To Great Heights (also referenced in Unit 9)
1 day	Review	SE/*TE, pp. 85–88	Online Unit Self Quiz
1 day	Assessment		◊ Unit 2 Test

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

◊ 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 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: Plants and 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 Some Plant Life Cycles?			
1-2 days	Big Idea	SE/*TE, pp. 89–90	
	Lesson	SE/*TE, pp. 91–97	Screens 1–11
1 day	Hands-on Inquiry		Inquiry Flip Chart, p. 12 *TE, p. 89D, 91A
1 day	Review	SE/*TE, pp. 98–100	
	Assessment		◊ Lesson 1 Quiz
Lesson 2: What Are Some Animal Life Cycles?			
1-2 days	Lesson	SE/*TE, pp. 101–109	Screens 1–12
1 day	Hands-on Inquiry		Inquiry Flip Chart, p. 13 *TE, p. 89E, 101A
1 day	Review	SE/*TE, pp. 110–112	
	Assessment		◊ Lesson 2 Quiz

Lesson 3: How Do Living Things Change?			
1-2 days	Virtual Lab Hands-on Inquiry	SE, pp. 113–114	Screens 1–12 Inquiry Flip Chart, p. 14 *TE, p. 89F, 113A–114
1 day	Assessment		◊ Lesson 3 Quiz
Lesson 4: What Are Structural Adaptations?			
1-2 days	Lesson	SE/*TE, pp. 115–123	Screens 1–12
1 day	Hands-on Inquiry		Inquiry Flip Chart, p. 15 *TE, p. 89G, 115A
1 day	Review	SE/*TE, pp. 124–126	
	Assessment		◊ Lesson 4 Quiz
1 day	Enrichment	People in Science, SE/*TE, pp. 127–128	People in Science
Lesson 5: How Can We Model a Physical Adaptation?			
1-2 days	Virtual Lab Hands-on Inquiry	SE, pp. 129–130	Screens 1–11 Inquiry Flip Chart, p. 16 *TE, p. 89H, 129A–130
1 day	Assessment		◊ Lesson 5 Quiz
Lesson 6: What Are Behavioral Adaptations?			
1-2 days	Lesson	SE/*TE, pp. 131–139	Screens 1–11
1 day	Hands-on Inquiry		Inquiry Flip Chart, p. 17 *TE, p. 89I, 131A
1 day	Review	SE/*TE, pp. 140–142	
	Assessment		◊ Lesson 6 Quiz
1 day	Enrichment	S.T.E.M., SE/*TE, pp. 143–144	Inquiry Flip Chart, p. 18 *TE, p. 89I, 144A–144B

Unit 3 Review and Assessment			
1 day	Video-Based Project		Tent-Making Bats
1 day	Review	SE/*TE, pp. 145–148	Online Unit Self Quiz
1 day	Assessment		◊ Unit 3 Test

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

◊ 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 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: Ecosystems and Interactions

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 Are Ecosystems?			
1-2 days	Big Idea	SE/*TE, pp. 149–150	
	Lesson	SE/*TE, pp. 151–159	Screens 1–12
1 day	Hands-on Inquiry		Inquiry Flip Chart, p. 19 *TE, p. 149D, 151A
1 day	Review	SE/*TE, pp. 160–162	
	Assessment		◊ Lesson 1 Quiz
Lesson 2: What's in an Ecosystem?			
1-2 days	Virtual Lab		Screens 1–12
	Hands-on Inquiry	SE, pp. 163–164	Inquiry Flip Chart, p. 20 *TE, p. 149E, 163A–164
1 day	Assessment		◊ Lesson 2 Quiz
1 day	Enrichment	People in Science, SE/*TE, pp. 165–166	People in Science

Lesson 3: What Is a Food Chain?			
1-2 days	Lesson	SE/*TE, pp. 167–175	Screens 1–12
1 day	Hands-on Inquiry		Inquiry Flip Chart, p. 21 *TE, p. 149F, 167A
1 day	Review	SE/*TE, pp. 176–178	
	Assessment		◊ Lesson 3 Quiz
Lesson 4: What Are Some Food Chains?			
1-2 days	Virtual Lab		Screens 1–11
	Hands-on Inquiry	SE, pp. 179–180	Inquiry Flip Chart, p. 22 *TE, p. 149G, 179A–180
1 day	Assessment		◊ Lesson 4 Quiz
Lesson 5: How Do Environmental Changes Affect Living Things?			
1-2 days	Lesson	SE/*TE, pp. 181–191	Screens 1–11
1 day	Hands-on Inquiry		Inquiry Flip Chart, p. 23 *TE, pp. 149H–149I, 181A
1 day	Review	SE/*TE, pp. 192–194	
	Assessment		◊ Lesson 5 Quiz
1 day	Enrichment	S.T.E.M., SE/*TE, pp. 195–196	Inquiry Flip Chart, p. 24 *TE, p. 149I, 196A–196B
Unit 4 Review and Assessment			
1 day	Video-Based Project		Exploring the Galápagos Islands
1 day	Review	SE/*TE, pp. 197–200	Online Unit Self Quiz
1 day	Assessment		◊ Unit 4 Test

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

◊ 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 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: Changes to Earth’s Surface

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: What Are Some Landforms?			
1-2 days	Big Idea	SE/*TE, pp. 201–202	
	Lesson	SE/*TE, pp. 203–211	Screens 1–12
1 day	Hands-on Inquiry		Inquiry Flip Chart, p. 25 *TE, p. 201D, 203A
1 day	Review	SE/*TE, pp. 212–214	
	Assessment		◊ Lesson 1 Quiz

Lesson 2: How Does Earth's Surface Change Slowly?			
1-2 days	Lesson	SE/*TE, pp. 215–221	Screens 1–12
1 day	Hands-on Inquiry		Inquiry Flip Chart, p. 26 *TE, p. 201E, 215A
1 day	Review	SE/*TE, pp. 222–224	
	Assessment		◊ Lesson 2 Quiz
1 day	Enrichment	S.T.E.M., SE/*TE, pp. 225–226	Inquiry Flip Chart, p. 27 *TE, p. 201F, 226A–226B
Lesson 3: How Can We Model Erosion?			
1-2 days	Virtual Lab		Screens 1–12
	Hands-on Inquiry	SE, pp. 227–228	Inquiry Flip Chart, p. 28 *TE, p. 201F, 227A–228
1 day	Assessment		◊ Lesson 3 Quiz
Lesson 4: How Does Earth's Surface Change Quickly?			
1-2 days	Lesson	SE/*TE, pp. 229–237	Screens 1–12
1 day	Hands-on Inquiry		Inquiry Flip Chart, p. 29 *TE, p. 201G, 229A
1 day	Review	SE/*TE, pp. 238–240	
	Assessment		◊ Lesson 4 Quiz
1 day	Enrichment	People in Science, SE/*TE, pp. 241–242	People in Science
Unit 5 Review and Assessment			
1 day	Review	SE/*TE, pp. 243–246	Online Unit Self Quiz
1 day	Assessment		◊ Unit 5 Test

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

◊ 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 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: People and 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 Are Some Natural Resources?			
2-3 days	Big Idea	SE/*TE, pp. 247–248	
	Lesson	SE/*TE, pp. 249–259	Screens 1–14
1 day	Hands-on Inquiry		Inquiry Flip Chart, p. 30 *TE, p. 247D, 249A
1 day	Review	SE/*TE, pp. 260–262	
	Assessment		◊ Lesson 1 Quiz
Lesson 2: How Can We Conserve Resources?			
1-2 days	Virtual Lab		Screens 1–14
	Hands-on Inquiry	SE, pp. 263–264	Inquiry Flip Chart, p. 31 *TE, p. 247E, 263A–264
1 day	Assessment		◊ Lesson 2 Quiz

Lesson 3: What Is Soil?			
1-2 days	Lesson	SE/*TE, pp. 265–275	Screens 1–12
1 day	Hands-on Inquiry		Inquiry Flip Chart, p. 32 *TE, p. 247F, 265A
1 day	Review	SE/*TE, pp. 276–278	
	Assessment		◊ Lesson 3 Quiz
1 day	Enrichment	People in Science, SE/*TE, pp. 279–280	People in Science
1 day	Enrichment	S.T.E.M., SE/*TE, pp. 281–282	Inquiry Flip Chart, p. 33 *TE, p. 247G, 282A–282B
Unit 6 Review and Assessment			
1 day	Review	SE/*TE, pp. 283–286	Online Unit Self Quiz
1 day	Assessment		◊ Unit 6 Test

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

◊ 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 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: Water and 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
Unit 7 Opener			
Lesson 1: What Is the Water Cycle?			
1-2 days	Big Idea	SE/*TE, pp. 287–288	
	Lesson	SE/*TE, pp. 289–297	Screens 1–12
1 day	Hands-on Inquiry		Inquiry Flip Chart, p. 34 *TE, p. 287D, 289A
1 day	Review	SE/*TE, pp. 298–300	
	Assessment		◇ Lesson 1 Quiz
1 day	Enrichment	Careers in Science, SE/*TE, pp. 301–302	People in Science

Lesson 2: What Is Weather?			
1-2 days	Lesson	SE/*TE, pp. 303–311	Screens 1–12
1 day	Hands-on Inquiry		Inquiry Flip Chart, p. 35 *TE, p. 287E, 303A
1 day	Review	SE/*TE, pp. 312–314	
	Assessment		◊ Lesson 2 Quiz
Lesson 3: How Can We Measure Weather?			
1-2 days	Virtual Lab		Screens 1–15
	Hands-on Inquiry	SE, pp. 315–316	Inquiry Flip Chart, p. 36 *TE, p. 287F, 315A–316
1 day	Assessment		◊ Lesson 3 Quiz
1 day	Enrichment	S.T.E.M., SE/*TE, pp. 317–318	Inquiry Flip Chart, p. 37 *TE, p. 287G, 318A–318B
Unit 7 Review and Assessment			
1 day	Review	SE/*TE, pp. 319–322	Online Unit Self Quiz
1 day	Assessment		◊ Unit 7 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

◊ 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 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: Earth and Its Moon

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: How Do Earth and the Moon Move?			
2-3 days	Big Idea	SE/*TE, pp. 323–324	
	Lesson	SE/*TE, pp. 325–335	Screens 1–15
1 day	Hands-on Inquiry		Inquiry Flip Chart, p. 38 *TE, p. 323D, 325A
1 day	Review	SE/*TE, pp. 336–338	
	Assessment		◊ Lesson 1 Quiz
1 day	Enrichment	People in Science, SE/*TE, pp. 339–340	People in Science

Lesson 2: How Can We Model the Moon's Phases?			
1-2 days	Virtual Lab Hands-on Inquiry	SE, pp. 341–342	Screens 1–14 Inquiry Flip Chart, p. 39 *TE, p. 323E, 341A–342
1 day	Assessment		◊ Lesson 2 Quiz
1 day	Enrichment	S.T.E.M., SE/*TE, pp. 343–344	Inquiry Flip Chart, p. 40 *TE, p. 323E, 344A–344B
Unit 8 Review and Assessment			
1 day	Review	SE/*TE, pp. 345–348	Online Unit Self 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

◊ 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 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: 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 Are Some Physical Properties?			
1-2 days	Big Idea	SE/*TE, pp. 349–350	
	Lesson	SE/*TE, pp. 351–359	Screens 1–8
1 day	Hands-on Inquiry		Inquiry Flip Chart, p. 41 *TE, p. 349D, 351A
1 day	Review	SE/*TE, pp. 360–362	
	Assessment		◇ Lesson 1 Quiz
1 day	Enrichment	Careers in Science, SE/*TE, pp. 363–364	People in Science

Lesson 2: What Are the States of Matter?			
1-2 days	Lesson	SE/*TE, pp. 365–373	Screens 1–8
1 day	Hands-on Inquiry		Inquiry Flip Chart, p. 42 *TE, p. 349E, 365A
1 day	Review	SE/*TE, pp. 374–376	
	Assessment		◊ Lesson 2 Quiz
Lesson 3: What Physical Properties Can We Observe? / How Are Mass and Volume Measured?			
1-2 days	Virtual Lab		Screens 1–13
	Hands-on Inquiry	SE, pp. 377–378	Inquiry Flip Chart, p. 43 *TE, p. 349F, 377A–378
1 day	Assessment		◊ Lesson 3 Quiz
Lesson 4: What Are Some Changes to Matter?			
1-2 days	Lesson	SE/*TE, pp. 379–389	Screens 1–12
1 day	Hands-on Inquiry		Inquiry Flip Chart, p. 44 *TE, p. 349G, 379A
1 day	Review	SE/*TE, pp. 390–392	
	Assessment		◊ Lesson 4 Quiz
Lesson 5: What Changes Can We Observe?			
1-2 days	Virtual Lab		Screens 1–14
	Hands-on Inquiry	SE, pp. 393–394	Inquiry Flip Chart, p. 45 *TE, p. 349H, 393A–394
1 day	Assessment		◊ Lesson 5 Quiz
1 day	Enrichment	S.T.E.M., SE/*TE, pp. 395–396	Inquiry Flip Chart, p. 46 *TE, p. 349I, 396A–396B

Unit 9 Review and Assessment			
1 day	Video-Based Project		Take It To Great Heights (also referenced in Unit 2)
1 day	Review	SE/*TE, pp. 397–400	Online Unit Self 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

◊ 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 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 3
Homeschool Pacing Guide

Unit 10: Simple and Compound Machines

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: What Are Simple Machines?			
1-2 days	Big Idea	SE/*TE, pp. 401–402	
	Lesson	SE/*TE, pp. 403–411	Screens 1–12
1 day	Hands-on Inquiry		Inquiry Flip Chart, p. 47 *TE, pp. 401D–401E, 403A
1 day	Review	SE/*TE, pp. 412–414	
	Assessment		◇ Lesson 1 Quiz
1 day	Enrichment	S.T.E.M., SE/*TE, pp. 415–416	Inquiry Flip Chart, p. 48 *TE, p. 401E, 416A–416B

Lesson 2: What Are Some Other Simple Machines?			
1-2 days	Lesson	SE/*TE, pp. 417–425	Screens 1–12
1 day	Hands-on Inquiry		Inquiry Flip Chart, p. 49 *TE, p. 401F, 417A
1 day	Review	SE/*TE, pp. 426–428	
	Assessment		◊ Lesson 2 Quiz
Lesson 3: How Do Simple Machines Affect Work?			
1-2 days	Virtual Lab		Screens 1–13
	Hands-on Inquiry	SE, pp. 429–430	Inquiry Flip Chart, p. 50 *TE, p. 401G, 429A–430
1 day	Assessment		◊ Lesson 3 Quiz
1 day	Enrichment	People in Science, SE/*TE, pp. 431–432	People in Science
Unit 10 Review and Assessment			
1 day	Review	SE/*TE, pp. 433–436	Online Unit Self Quiz
1 day	Assessment		◊ Unit 10 Test

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Lesson Quiz:

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

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)