HMH SCIENCE DIMENSIONS GRADE 2 DETAILED PACING GUIDE

The following Pacing Guide includes changes you can consider in order to streamline the learning process for each lesson within each unit. However, you are the expert on what will work in your classroom. We've included room in this guide for you to customize the recommendations to best suit your needs and schedule. The lesson and class-day interval suggestions provided are based on 30-minute instructional periods. The "Core" instructional pathway is based on two to three 30-minute instructional periods per week, and the "Comprehensive" instructional pathway is based on five 30-minute instructional periods per week.

The curriculum designers have provided helpful tips of what assignments are best suited for the core and comprehensive pathways, enabling you to make these assignments in a way that will assist with adhering to the science schedule in your classroom. Other alterations to the schedule may be made, such as assigning part of the lesson components as homework. "Evidence Notebook" prompts and "Read, Write, Share" and "Do the Math" activities may be assigned for independent work that is completed outside of the Science classroom period. When planning, you are able to choose at your discretion from the many scheduling options.

This tool may be used by those working solely with the Online Interactive Edition, those working solely with the print edition, and those who use a hybrid approach, using pieces of both. The titles shown are referenced in both print and online editions, and the numbers in parentheses correspond to the pages of the print student edition.

	Core (2–3 days/week)	Comprehensive (daily)	Customize Your Pacing Guide
Unit 1: Engineering and Technology			
Unit 1 Project	Optional	3 days (30 minutes each)	
Lesson 1: Engineer It • What Is a Design	5 days (30	7 days (30	
Process ?	minutes each)	minutes each)	
Engage (pp. 4–5)	10 minutes	10 minutes	
Alternative Engage Strategy (p. 4)	Optional	10 minutes	
Explore/Explain: What Engineers Do (p. 6)	10 minutes	15 minutes	
Explore/Explain: Step 1—Define a Problem (p. 7)	10 minutes	15 minutes	
Apply What You Know • Evidence Notebook (p. 7)	10 minutes	10 minutes	
Explore/Explain: Step 2—Plan and Build (p. 8)	10 minutes	15 minutes	
Apply What You Know • Evidence Notebook (p. 8)	Optional	10 minutes	

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Hands-On Activity: Engineer It ● Build a Better Lunchbox (pp. 9–10)	30 minutes	30 minutes
Explore/Explain: Step 3—Test and Improve (p. 11)	10 minutes	10 minutes
Apply What You Know • Evidence Notebook (p. 11)	10 minutes	10 minutes
Explore/Explain Step 4—Redesign (p. 12)	10 minutes	10 minutes
Apply What You Know • Evidence Notebook (p. 12)	Optional	10 minutes
Explore/Explain: Step 5—Communicate (p. 13)	10 minutes	10 minutes
Apply What You Know • Evidence Notebook (p. 13)	10 minutes	10 minutes
Elaborate: Take It Further (p. 14)	Optional	10 minutes
Elaborate: Take It Further • Do the Math! (p. 14)	Optional	10 minutes
Elaborate: Take It Further (p. 15)	10 minutes	10 minutes
Elaborate: Take It Further • Read, Write, Share! (p. 16)	Optional	15 minutes
Evaluate: Lesson Check (pp. 17–19)	30 minutes	30 minutes
Lesson 2: Engineer It • How Can We	5 days (30	7 days (30
Compare Design Solutions?	minutes each)	minutes each)
Engage (pp. 20–21)	15 minutes	15 minutes
Alternative Engage Strategy (p. 20)	Optional	10 minutes
Explore/Explain: One Problem, Many Solutions (p. 22)	15 minutes	15 minutes
Apply What You Know (p. 22)	10 minutes	15 minutes
Do the Math! (p. 23)	10 minutes	10 minutes
Explore/Explain: Build and Test a Solution (p. 24)	15 minutes	15 minutes
Apply What You Know (p. 24)	10 minutes	10 minutes
Explore/Explain: Compare Design Solutions (p. 25)	15 minutes	15 minutes
Apply What You Know • Read, Write, Share! • Evidence Notebook (p. 26)	Optional	20 minutes
Hands-On Activity: Engineer It ● Compare Strengths and Weakness of Design Solutions (pp. 27–28)	30 minutes	30 minutes
Elaborate: Take It Further (p. 29–30)	Optional	25 minutes
Evaluate: Lesson Check (pp. 31–33)	30 minutes	30 minutes
You Solve It	Optional	1 day (30 minutes)

Unit 1 Performance Task (pp. 34–35)	Optional	2 days (30
		minutes each)
Unit 1 Review (pp. 36–38)	1 day (30	1 day (30
	minutes)	minutes)
Unit 1 Test (Assessment Guide)	1 day (30	1 day (30
	minutes)	minutes)
Performance-Based Assessment	Optional	2 days (30
(Assessment Guide)		minutes each)
Total Days for Unit 1:	12	24

Unit 2: Matter Unit 2 Project Optional S days (30 minutes each) Lesson 1: Engineer It • What Are Properties of Matter? Engage (pp. 42–43) Alternative Engage Strategy (p. 42) Explore/Explain: Properties of Matter (pp. 44–47) Optional S days (30 minutes each) T days (30 minutes each) minutes each) 15 minutes 5 minutes 20 minutes
Lesson 1: Engineer It • What Are Properties of Matter? Engage (pp. 42–43) Alternative Engage Strategy (p. 42) Explore/Explain: Properties of Matter minutes each) 7 days (30 minutes each) minutes each) 15 minutes 5 days (30 minutes each) 7 days (30 minutes each) 5 minutes 20 minutes
Properties of Matter? minutes each) minutes each) Engage (pp. 42–43) 15 minutes 15 minutes Alternative Engage Strategy (p. 42) Optional 5 minutes Explore/Explain: Properties of Matter 20 minutes 20 minutes
Alternative Engage Strategy (p. 42) Explore/Explain: Properties of Matter Optional 5 minutes 20 minutes
Explore/Explain: Properties of Matter 20 minutes 20 minutes
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Apply What You Know • Evidence Optional 10 minutes Notebook (p. 47)
Explore/Explain: States of Matter— 10 minutes 10 minutes Solids (p. 48)
Apply What You Know • Evidence Optional 5 minutes Notebook (p. 48)
Explore/Explain: States of Matter— 10 minutes 10 minutes Liquids (p. 49)
Apply What You Know (p. 49) Optional 10 minutes
Explore/Explain: States of Matter— 15 minutes 15 minutes Which Materials Are Best? (p. 50)
Hands-On Activity: Engineer It • 30 minutes Explore Properties of Matter (pp. 51–52)
Do the Math! (p. 53) 15 minutes 15 minutes
Evidence Notebook (p. 53) 5 minutes 5 minutes

Apply What You Know • Read, Write, Share! (p. 54)	Optional	10 minutes
Elaborate: Take It Further (pp. 55–56)	Optional	20 minutes
Evaluate: Lesson Check (pp. 57–59)	30 minutes	30 minutes
Lesson 2: How Are Objects Put Together?	5 days (30 minutes each)	6 days (30 minutes each)
Engage (pp. 60–61)	15 minutes	15 minutes
Alternative Engage Strategy (p. 60)	Optional	10 minutes
Explore/Explain: Build It Up, Break It Down (pp. 62–63)	20 minutes	20 minutes
Apply What You Know • Evidence Notebook (p. 63)	Optional	10 minutes
Explore/Explain: What Is the Same? (p. 64)	5 minute	5 minutes
Apply What You Know • Read, Write, Share! • Evidence Notebook (p. 64)	10 minutes	10 minutes
Hands-On Activity: Build Objects from Smaller Pieces (pp. 65–66)	30 minutes	35 minutes
Elaborate: Take It Further (pp. 67–68)	30 minutes	30 minutes
Elaborate: Take It Further • Do the Math! (p. 68)	10 minutes	15 minutes
Evaluate: Lesson Check (pp. 69–71)	30 minutes	30 minutes
Lesson 3: How Do Heating and Cooling	5 days (30	7 days (30
Change Matter?	minutes each)	minutes each)
Change Matter? Engage (pp. 72–73)	minutes each) 15 minutes	minutes each) 15 minutes
Change Matter? Engage (pp. 72–73) Alternative Engage Strategy (p. 72)	minutes each) 15 minutes Optional	minutes each) 15 minutes 10 minutes
Change Matter? Engage (pp. 72–73) Alternative Engage Strategy (p. 72) Explore/Explain: Melt It (pp. 74–75)	minutes each) 15 minutes Optional 20 minutes	minutes each) 15 minutes 10 minutes 20 minutes
Change Matter? Engage (pp. 72–73) Alternative Engage Strategy (p. 72) Explore/Explain: Melt It (pp. 74–75) Apply What You Know • Evidence Notebook (p. 75)	minutes each) 15 minutes Optional 20 minutes Optional	minutes each) 15 minutes 10 minutes 20 minutes 5 minutes
Change Matter? Engage (pp. 72–73) Alternative Engage Strategy (p. 72) Explore/Explain: Melt It (pp. 74–75) Apply What You Know • Evidence Notebook (p. 75) Explore/Explain: Cook It (pp. 76–77)	minutes each) 15 minutes Optional 20 minutes Optional 20 minutes	minutes each) 15 minutes 10 minutes 20 minutes 5 minutes 20 minutes
Change Matter? Engage (pp. 72–73) Alternative Engage Strategy (p. 72) Explore/Explain: Melt It (pp. 74–75) Apply What You Know • Evidence Notebook (p. 75) Explore/Explain: Cook It (pp. 76–77) Apply What You Know • Evidence Notebook (p. 77)	minutes each) 15 minutes Optional 20 minutes Optional 20 minutes Optional	minutes each) 15 minutes 10 minutes 20 minutes 5 minutes 20 minutes 10 minutes
Change Matter? Engage (pp. 72–73) Alternative Engage Strategy (p. 72) Explore/Explain: Melt It (pp. 74–75) Apply What You Know • Evidence Notebook (p. 75) Explore/Explain: Cook It (pp. 76–77) Apply What You Know • Evidence Notebook (p. 77) Explore/Explain: Burn It (p.78)	minutes each) 15 minutes Optional 20 minutes Optional 20 minutes Optional 15 minutes	minutes each) 15 minutes 10 minutes 20 minutes 5 minutes 20 minutes 10 minutes 11 minutes
Change Matter? Engage (pp. 72–73) Alternative Engage Strategy (p. 72) Explore/Explain: Melt It (pp. 74–75) Apply What You Know • Evidence Notebook (p. 75) Explore/Explain: Cook It (pp. 76–77) Apply What You Know • Evidence Notebook (p. 77) Explore/Explain: Burn It (p.78) Apply What You Know (p. 79)	minutes each) 15 minutes Optional 20 minutes Optional 20 minutes Optional 15 minutes Optional	minutes each) 15 minutes 10 minutes 20 minutes 5 minutes 20 minutes 10 minutes 10 minutes
Change Matter? Engage (pp. 72–73) Alternative Engage Strategy (p. 72) Explore/Explain: Melt It (pp. 74–75) Apply What You Know • Evidence Notebook (p. 75) Explore/Explain: Cook It (pp. 76–77) Apply What You Know • Evidence Notebook (p. 77) Explore/Explain: Burn It (p.78) Apply What You Know (p. 79) Explore/Explain: Cool It Down (p. 80)	minutes each) 15 minutes Optional 20 minutes Optional 20 minutes Optional 15 minutes Optional 10 minutes	minutes each) 15 minutes 10 minutes 20 minutes 5 minutes 10 minutes 10 minutes 11 minutes 10 minutes 10 minutes
Change Matter? Engage (pp. 72–73) Alternative Engage Strategy (p. 72) Explore/Explain: Melt It (pp. 74–75) Apply What You Know • Evidence Notebook (p. 75) Explore/Explain: Cook It (pp. 76–77) Apply What You Know • Evidence Notebook (p. 77) Explore/Explain: Burn It (p.78) Apply What You Know (p. 79) Explore/Explain: Cool It Down (p. 80) Do the Math! (p. 80)	minutes each) 15 minutes Optional 20 minutes Optional 20 minutes Optional 15 minutes Optional 10 minutes Optional	minutes each) 15 minutes 10 minutes 20 minutes 5 minutes 10 minutes 10 minutes 10 minutes 10 minutes 10 minutes 5 minutes
Change Matter? Engage (pp. 72–73) Alternative Engage Strategy (p. 72) Explore/Explain: Melt It (pp. 74–75) Apply What You Know • Evidence Notebook (p. 75) Explore/Explain: Cook It (pp. 76–77) Apply What You Know • Evidence Notebook (p. 77) Explore/Explain: Burn It (p.78) Apply What You Know (p. 79) Explore/Explain: Cool It Down (p. 80)	minutes each) 15 minutes Optional 20 minutes Optional 20 minutes Optional 15 minutes Optional 10 minutes	minutes each) 15 minutes 10 minutes 20 minutes 5 minutes 10 minutes 10 minutes 11 minutes 10 minutes 10 minutes
Change Matter? Engage (pp. 72–73) Alternative Engage Strategy (p. 72) Explore/Explain: Melt It (pp. 74–75) Apply What You Know • Evidence Notebook (p. 75) Explore/Explain: Cook It (pp. 76–77) Apply What You Know • Evidence Notebook (p. 77) Explore/Explain: Burn It (p.78) Apply What You Know (p. 79) Explore/Explain: Cool It Down (p. 80) Do the Math! (p. 80) Apply What You Know • Evidence	minutes each) 15 minutes Optional 20 minutes Optional 20 minutes Optional 15 minutes Optional 10 minutes Optional	minutes each) 15 minutes 10 minutes 20 minutes 5 minutes 10 minutes 10 minutes 10 minutes 10 minutes 10 minutes 5 minutes
Change Matter? Engage (pp. 72–73) Alternative Engage Strategy (p. 72) Explore/Explain: Melt It (pp. 74–75) Apply What You Know • Evidence Notebook (p. 75) Explore/Explain: Cook It (pp. 76–77) Apply What You Know • Evidence Notebook (p. 77) Explore/Explain: Burn It (p.78) Apply What You Know (p. 79) Explore/Explain: Cool It Down (p. 80) Do the Math! (p. 80) Apply What You Know • Evidence Notebook (p. 80) Hands-On Activity: Explore Cooling (pp.	minutes each) 15 minutes Optional 20 minutes Optional 20 minutes Optional 15 minutes Optional 10 minutes Optional 10 minutes Optional 15 minutes Optional	minutes each) 15 minutes 10 minutes 20 minutes 5 minutes 10 minutes 5 minutes 10 minutes 5 minutes 10 minutes

Write, Share! (p. 84)			
Evaluate: Lesson Check (pp. 85–87)	30 minutes	30 minutes	
Lesson 4: How Does Matter Change?	5 days (30	7 days (30	
	minutes each)	minutes each)	
Engage (pp. 88–89)	10 minutes	15 minutes	
Alternative Engage Strategy (p. 88)	10 minutes	10 minutes	
Explore/Explain: Reversible Changes (pp. 90–91)	20 minutes	25 minutes	
Do the Math! (p. 92)	10 minutes	10 minutes	
Apply What You Know • Read, Write, Share! • Evidence Notebook (p. 92)	10 minutes	15 minutes	
Explore/Explain: Irreversible Changes (p. 93)	20 minutes	25 minutes	
Apply What You Know • Evidence Notebook (p. 94)	10 minutes	10 minutes	
Hands-On Activity: Explore Changes to Matter (pp. 95–96)	30 minutes	40 minutes	
Elaborate: Take It Further (pp. 97–98)	Optional	30 minutes	
Evaluate: Lesson Check (pp. 99–101)	30 minutes	30 minutes	
You Solve It	Optional	1 day (30 minutes)	
Unit 2 Performance Task (pp. 102–103)	Optional	2 days (30 minutes each)	
Unit 2 Review (pp. 104–106)	1 day (30 minutes)	1 day (30 minutes)	
Unit 2 Test (Assessment Guide)	1 day (30 minutes)	1 day (30 minutes)	
Performance-Based Assessment	Optional	2 days (30	
(Assessment Guide)		minutes each)	
Total Days for Unit 2:	22	37	

	Core (2–3 days/week)	Comprehensive (daily)	Customize Your Pacing Guide
Unit 3: Environments for Living Thing	gs		
Unit 3 Project	Optional	3 days (30	
		minutes each)	

Lesson 1: What Do Plants Need?	5 days (30	7 days (30
Lesson 1. What Do Flants Need:	minutes each)	minutes each)
Engage (pp. 110–111)	10 minutes	15 minutes
Alternative Engage Strategy (p. 110)	10 minutes	15 minutes
Explore/Explain: What Plants Need	15 minutes	20 minutes
(pp. 112–113)	13 1111114163	20 minutes
Apply What You Know • Read, Write,	10 minutes	15 minutes
Share! • Evidence Notebook (p. 113)		
Explore/Explain: Taking It In (pp. 114– 115)	10 minutes	20 minutes
Do the Math! (p. 116)	5 minutes	10 minutes
Apply What You Know • Evidence Notebook (p. 116)	10 minutes	15 minutes
Hands-On Activity: Explore What a	15 minutes the	20 minutes the
Plant Needs (pp. 117–118)	first day; 15	first day; 20
	minutes the	minutes the
	second day	second day
Elaborate: Take It Further (pp. 119– 120)	20 minutes	30 minutes
Evaluate: Lesson Check (pp. 121–123)	30 minutes	30 minutes
Lesson 2: Engineer It • How Do Plants	5 days (30	7 days (30
Depend on Animals?	minutes each)	minutes each)
Engage (pp. 124–125)	15 minutes	15 minutes
Alternative Engage Strategy (p. 124)	Optional	10 minutes
Explore/Explain: Animals Help Spread Seeds (pp. 126–127)	20 minutes	25 minutes
Apply What You Know • Read, Write, Share! (p. 128)	10 minutes	15 minutes
Hands-On Activity: Engineer It • Plan and Build a Model Tool (pp. 129–130)	30 minutes	40 minutes
Do the Math! (p. 131)	10 minutes	10 minutes
Explore/Explain: How Animals Spread Pollen (pp. 133–132)	25 minutes	25 minutes
Apply What You Know • Evidence Notebook (p. 134)	10 minutes	10 minutes
Elaborate: Take It Further (pp. 135– 136)	Optional	30 minutes
Evaluate: Lesson Check (pp. 137–139)	30 minutes	30 minutes
Lesson 3: What Plants and Animals Live	5 days (30	7 days (30
in Water Habitats?	minutes each)	minutes each)
Engage (pp. 140–141)	10 minutes	15 minutes
Alternative Engage Strategy (p. 140)	Optional	10 minutes
Explore/Explain: Ponds (pp. 142–143)	15 minutes	20 minutes

Apply What You Know • Evidence Notebook (p. 143)	10 minutes	10 minutes
Explore/Explain: River Deltas (pp. 144–145)	15 minutes	20 minutes
Apply What You Know • Evidence Notebook (p. 145)	10 minutes	10 minutes
Explore/Explain: Tide Pools (pp. 146– 148)	20 minutes	20 minutes
Apply What You Know • Read, Write, Share! (p. 148)	10 minutes	15 minutes
Hands-On Activity: Make Model Habitats (pp. 149–150)	30 minutes	30 minutes
Elaborate: Take It Further (p. 151)	Optional	15 minutes
Elaborate: Take It Further • Do the Math! (p. 152)	Optional	15 minutes
Evaluate: Lesson Check (pp. 153–155)	30 minutes	30 minutes
Lesson 4: What Plants and Animals Live	5 days (30	7 days (30
in Land Habitats?	minutes each)	minutes each)
Engage (pp. 156–157)	15 minutes	15 minutes
Alternative Engage Strategy (p. 156)	Optional	5 minutes
Explore/Explain: Rain Forest Habitats (pp. 158–160)	25 minutes	25 minutes
Apply What You Know • Evidence Notebook (p. 161)	Optional	10 minutes
Explore/Explain: Forest Habitats (pp. 162–165)	25 minutes	25 minutes
Apply What You Know • Evidence Notebook (p. 165)	Optional	5 minutes
Explore/Explain: Savanna Habitats (pp. 166–169)	25 minutes	25 minutes
Apply What You Know • Evidence Notebook (p. 169)	Optional	10 minutes
Do the Math! (p. 170)	Optional	5 minutes
Hands-On Activity: Make a Habitat Exhibit (pp. 171–172)	30 minutes	30 minutes
Elaborate: Take It Further (p. 173)	Optional	10 minutes
Elaborate: Take It Further • Read, Write, Share! (p. 174)	Optional	15 minutes
Evaluate: Lesson Check (pp. 175–177)	30 minutes	30 minutes
You Solve It	Optional	1 day (30 minutes)
Unit 3 Performance Task (pp. 178–179)	Optional	2 days (30 minutes each)
Unit 3 Review (pp. 180–182)	1 day (30	1 day (30

	minutes)	minutes)	
Unit 3 Test (Assessment Guide)	1 day (30	1 day (30	
	minutes)	minutes)	
Performance-Based Assessment	Optional	2 days (30	
(Assessment Guide)		minutes each)	
Total Days for Unit 3	22 days	38 days	

	Core (2–3 days/week)	Comprehensive (daily)	Customize Your Pacing Guide
Unit 4: Earth's Surface			
Unit 4 Project	Optional	3 days (30 minutes each)	
Lesson 1: Where Is Water Found on Earth?	5 days (30 minutes each)	7 days (30 minutes each)	
Engage (pp. 186–187)	10 minutes	15 minutes	
Alternative Engage Strategy (p. 186)	Optional	10 minutes	
Explore/Explain: Lakes and Ponds (pp. 188–189)	15 minutes	15 minutes	
Apply What You Know (p. 189)	10 minutes	10 minutes	
Explore/Explain: Rivers and Oceans (pp. 190–191)	15 minutes	15 minutes	
Apply What You Know • Evidence Notebook (p. 191)	10 minutes	10 minutes	
Explore/Explain: Liquid or Solid (pp. 192–193)	20 minutes	20 minutes	
Do the Math! (p. 192)	Optional	10 minutes	
Apply What You Know (p. 194)	10 minutes	10 minutes	
Hands-On Activity: Locate Bodies of Water (pp. 195–196)	30 minutes	30 minutes	
Elaborate: Take It Further (pp. 197– 198)	Optional	20 minutes	
Elaborate: Take It Further • Read, Write, Share! (p. 198)	Optional	15 minutes	
Evaluate: Lesson Check (pp. 199–201)	30 minutes	30 minutes	
Lesson 2: Engineer It • How Can We Map	5 days (30	6 days (30	
Land and Water?	minutes each)	minutes each)	
Engage (pp. 202–203)	10 minutes	15 minutes	

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Alternative Engage Strategy (p. 202)	Optional	15 minutes	
Explore/Explain: What Is a Map? (pp. 204–205)	25 minutes	25 minutes	
Apply What You Know • Evidence Notebook (p. 205)	15 minutes	15 minutes	
Explore/Explain: Use a Map Key (pp. 206–208)	25 minutes	25 minutes	
Apply What You Know • Evidence Notebook (p. 208)	15 minutes	15 minutes	
Hands-On Activity: Engineer It ● Make a Map (pp. 209–210)	30 minutes	40 minutes	
Elaborate: Take It Further • Read, Write, Share! (p. 211)	Optional	30 minutes	
Elaborate: Take It Further • Do the Math! (p. 212)	Optional	25 minutes	
Evaluate: Lesson Check (pp. 213–215)	30 minutes	30 minutes	
You Solve It	Optional	1 day (30 minutes)	
Unit 4 Performance Task (pp. 216–217)	Optional	2 days (30 minutes each)	
Unit 4 Review (pp. 218–220)	1 day (30 minutes)	1 day (30 minutes)	
Unit 4 Test (Assessment Guide)	1 day (30 minutes)	1 day (30 minutes)	
Performance-Based Assessment (Assessment Guide)	Optional	2 days (30 minutes each)	
Total Days for Unit 4:	12	23	

	Core (2–3 days/week)	Comprehensive (daily)	Customize Your Pacing Guide
Unit 5: Changes to Earth's Surface			
Unit 5 Project	Optional	3 days (30 minutes each)	
Lesson 1: What Changes on Earth	5 days (30	8 days (30	
Happen Slowly?	minutes each)	minutes each)	
Engage (pp. 224–225)	10 minutes	10 minutes	_
Alternative Engage Strategy (p. 224)	Optional	5 minutes	
Explore/Explain: Weathering by Wind	15 minutes	15 minutes	

Inn 226 227\			
(pp. 226–227)	Ontional	15 minutes	
Apply What You Know • Evidence Notebook (p. 227)	Optional	15 minutes	
Explore/Explain: Weathering by Water	15 minutes	15 minutes	
and Ice (pp. 228–229)	13 Illillates	13 minutes	
Apply What You Know • Evidence	Optional	15 minutes	
Notebook (p. 229)	Optional	13 mildes	
Explore/Explain: Weathering by Plants	15 minutes	15 minutes	
(pp. 230–231)			
Apply What You Know • Evidence	Optional	10 minutes	
Notebook (p. 231)			
Explore/Explain: Erosion by Wind (pp.	20 minutes	20 minutes	
232–234)			
Apply What You Know • Evidence	Optional	10 minutes	
Notebook (p. 234)			
Explore/Explain: Erosion by Water and	15 minutes	15 minutes	
Ice (pp. 235–236)	Ontional	5 minutes	
Do the Math! (p. 235)	Optional		
Apply What You Know (p. 236)	Optional	10 minutes	
Hands-On Activity: Model Erosion (pp. 237–238)	30 minutes	30 minutes	
Elaborate: Take It Further (p. 239)	Optional	10 minutes	
Elaborate: Take It Further • Read, Write, Share! (p. 240)	Optional	10 minutes	
Elaborate: Take It Further • Read, Write, Share! (p. 240) Evaluate: Lesson Check (pp. 241–243)	Optional 30 minutes	10 minutes 30 minutes	
Write, Share! (p. 240) Evaluate: Lesson Check (pp. 241–243)	30 minutes	30 minutes	
Write, Share! (p. 240)	·		
Write, Share! (p. 240) Evaluate: Lesson Check (pp. 241–243) Lesson 2: What Changes on Earth	30 minutes 5 days (30	30 minutes 7 days (30	
Write, Share! (p. 240) Evaluate: Lesson Check (pp. 241–243) Lesson 2: What Changes on Earth Happen Quickly? Engage (pp. 244–245)	30 minutes 5 days (30 minutes each) 10 minutes	30 minutes 7 days (30 minutes each)	
Write, Share! (p. 240) Evaluate: Lesson Check (pp. 241–243) Lesson 2: What Changes on Earth Happen Quickly? Engage (pp. 244–245) Alternative Engage Strategy (p. 244)	30 minutes 5 days (30 minutes each)	30 minutes 7 days (30 minutes each) 10 minutes	
Write, Share! (p. 240) Evaluate: Lesson Check (pp. 241–243) Lesson 2: What Changes on Earth Happen Quickly? Engage (pp. 244–245) Alternative Engage Strategy (p. 244) Explore/Explain: Earthquakes (p. 246)	30 minutes 5 days (30 minutes each) 10 minutes Optional 10 minutes	30 minutes 7 days (30 minutes each) 10 minutes 5 minutes 10 minutes	
Write, Share! (p. 240) Evaluate: Lesson Check (pp. 241–243) Lesson 2: What Changes on Earth Happen Quickly? Engage (pp. 244–245) Alternative Engage Strategy (p. 244) Explore/Explain: Earthquakes (p. 246) Apply What You Know • Evidence	30 minutes 5 days (30 minutes each) 10 minutes Optional	30 minutes 7 days (30 minutes each) 10 minutes 5 minutes	
Write, Share! (p. 240) Evaluate: Lesson Check (pp. 241–243) Lesson 2: What Changes on Earth Happen Quickly? Engage (pp. 244–245) Alternative Engage Strategy (p. 244) Explore/Explain: Earthquakes (p. 246)	30 minutes 5 days (30 minutes each) 10 minutes Optional 10 minutes	30 minutes 7 days (30 minutes each) 10 minutes 5 minutes 10 minutes	
Write, Share! (p. 240) Evaluate: Lesson Check (pp. 241–243) Lesson 2: What Changes on Earth Happen Quickly? Engage (pp. 244–245) Alternative Engage Strategy (p. 244) Explore/Explain: Earthquakes (p. 246) Apply What You Know • Evidence Notebook (p. 247)	30 minutes 5 days (30 minutes each) 10 minutes Optional 10 minutes Optional	30 minutes 7 days (30 minutes each) 10 minutes 5 minutes 10 minutes	
Write, Share! (p. 240) Evaluate: Lesson Check (pp. 241–243) Lesson 2: What Changes on Earth Happen Quickly? Engage (pp. 244–245) Alternative Engage Strategy (p. 244) Explore/Explain: Earthquakes (p. 246) Apply What You Know • Evidence Notebook (p. 247) Explore/Explain: Volcanoes (p. 248) Do the Math! (p. 249)	30 minutes 5 days (30 minutes each) 10 minutes Optional 10 minutes Optional 15 minutes 5 minutes	30 minutes 7 days (30 minutes each) 10 minutes 5 minutes 10 minutes 10 minutes 15 minutes 5 minutes	
Write, Share! (p. 240) Evaluate: Lesson Check (pp. 241–243) Lesson 2: What Changes on Earth Happen Quickly? Engage (pp. 244–245) Alternative Engage Strategy (p. 244) Explore/Explain: Earthquakes (p. 246) Apply What You Know • Evidence Notebook (p. 247) Explore/Explain: Volcanoes (p. 248) Do the Math! (p. 249) Apply What You Know (p. 249)	30 minutes 5 days (30 minutes each) 10 minutes Optional 10 minutes Optional 15 minutes 5 minutes Optional	30 minutes 7 days (30 minutes each) 10 minutes 5 minutes 10 minutes 10 minutes 15 minutes 5 minutes 5 minutes	
Write, Share! (p. 240) Evaluate: Lesson Check (pp. 241–243) Lesson 2: What Changes on Earth Happen Quickly? Engage (pp. 244–245) Alternative Engage Strategy (p. 244) Explore/Explain: Earthquakes (p. 246) Apply What You Know • Evidence Notebook (p. 247) Explore/Explain: Volcanoes (p. 248) Do the Math! (p. 249) Apply What You Know (p. 249) Explore/Explain: Landslides (pp. 250–252)	30 minutes 5 days (30 minutes each) 10 minutes Optional 10 minutes Optional 15 minutes 5 minutes	30 minutes 7 days (30 minutes each) 10 minutes 5 minutes 10 minutes 10 minutes 5 minutes 5 minutes 20 minutes	
Write, Share! (p. 240) Evaluate: Lesson Check (pp. 241–243) Lesson 2: What Changes on Earth Happen Quickly? Engage (pp. 244–245) Alternative Engage Strategy (p. 244) Explore/Explain: Earthquakes (p. 246) Apply What You Know • Evidence Notebook (p. 247) Explore/Explain: Volcanoes (p. 248) Do the Math! (p. 249) Apply What You Know (p. 249) Explore/Explain: Landslides (pp. 250–	30 minutes 5 days (30 minutes each) 10 minutes Optional 10 minutes Optional 15 minutes 5 minutes Optional	30 minutes 7 days (30 minutes each) 10 minutes 5 minutes 10 minutes 10 minutes 15 minutes 5 minutes 5 minutes	
Write, Share! (p. 240) Evaluate: Lesson Check (pp. 241–243) Lesson 2: What Changes on Earth Happen Quickly? Engage (pp. 244–245) Alternative Engage Strategy (p. 244) Explore/Explain: Earthquakes (p. 246) Apply What You Know • Evidence Notebook (p. 247) Explore/Explain: Volcanoes (p. 248) Do the Math! (p. 249) Apply What You Know (p. 249) Explore/Explain: Landslides (pp. 250–252)	30 minutes 5 days (30 minutes each) 10 minutes Optional 10 minutes Optional 15 minutes 5 minutes Optional 20 minutes	30 minutes 7 days (30 minutes each) 10 minutes 5 minutes 10 minutes 10 minutes 5 minutes 5 minutes 20 minutes	
Write, Share! (p. 240) Evaluate: Lesson Check (pp. 241–243) Lesson 2: What Changes on Earth Happen Quickly? Engage (pp. 244–245) Alternative Engage Strategy (p. 244) Explore/Explain: Earthquakes (p. 246) Apply What You Know • Evidence Notebook (p. 247) Explore/Explain: Volcanoes (p. 248) Do the Math! (p. 249) Apply What You Know (p. 249) Explore/Explain: Landslides (pp. 250–252) Apply What You Know (p. 251) Explore/Explain: Hurricanes (pp. 253–	30 minutes 5 days (30 minutes each) 10 minutes Optional 10 minutes Optional 15 minutes 5 minutes Optional 20 minutes Optional	30 minutes 7 days (30 minutes each) 10 minutes 5 minutes 10 minutes 10 minutes 5 minutes 5 minutes 5 minutes 5 minutes 5 minutes 5 minutes	
Write, Share! (p. 240) Evaluate: Lesson Check (pp. 241–243) Lesson 2: What Changes on Earth Happen Quickly? Engage (pp. 244–245) Alternative Engage Strategy (p. 244) Explore/Explain: Earthquakes (p. 246) Apply What You Know • Evidence Notebook (p. 247) Explore/Explain: Volcanoes (p. 248) Do the Math! (p. 249) Apply What You Know (p. 249) Explore/Explain: Landslides (pp. 250–252) Apply What You Know (p. 251) Explore/Explain: Hurricanes (pp. 253–254) Apply What You Know • Evidence	30 minutes 5 days (30 minutes each) 10 minutes Optional 10 minutes Optional 15 minutes 5 minutes Optional 20 minutes Optional 15 minutes	30 minutes 7 days (30 minutes each) 10 minutes 5 minutes 10 minutes 10 minutes 5 minutes 5 minutes 5 minutes 5 minutes 5 minutes 15 minutes 15 minutes 15 minutes	

Apply What You Know • Read, Write, Share! (p. 256)	Optional	10 minutes
Hands-On Activity: Model Quick Changes on Earth (pp. 257–258)	30 minutes	30 minutes
Elaborate: Take It Further (pp. 259– 260)	Optional	20 minutes
Evaluate: Lesson Check (pp. 261–263)	30 minutes	30 minutes
Lesson 3: Engineer It • How Can We	5 days (30	7 days (30
Prevent Wind and Water from	minutes each)	minutes each)
Changing Land?	15 minutes	15 minutes
Engage (pp. 264–265)		
Alternative Engage Strategy (p. 264)	Optional	5 minutes
Explore/Explain: Changes Caused by Wind (pp. 266)	20 minutes	20 minutes
Do the Math! (p. 267)	10 minutes	10 minutes
Apply What You Know • Evidence Notebook (p. 267)	Optional	5 minutes
Explore/Explain: Changes Caused by Water (pp. 268–269)	20 minutes	20 minutes
Apply What You Know • Evidence Notebook (p. 269)	Optional	5 minutes
Explore/Explain: Ways to Prevent Changes to Land (pp. 270–272)	25 minutes	25 minutes
Apply What You Know • Read, Write, Share! (p. 272)	Optional	15 minutes
Hands-On Activity: Engineer It ● Prevent Water from Changing Land (pp. 273–274)	30 minutes	40 minutes
Elaborate: Take It Further (pp. 275– 276)	Optional	20 minutes
Evaluate: Lesson Check (pp. 277–279)	30 minutes	30 minutes
You Solve It	Optional	1 day (30
		minutes)
Unit 5 Performance Task (pp. 280–281)	Optional	2 days (30
Heit F Daview (pp. 202, 204)	1 dov/20	minutes each)
Unit 5 Review (pp. 282–284)	1 day (30 minutes)	1 day (30 minutes)
Unit 5 Test (Assessment Guide)	1 day (30	1 day (30
z z z z z z z z z z z z z z z z z z z	minutes)	minutes)
Performance-Based Assessment	Optional	2 days (30
(Assessment Guide)		minutes each)
Total Days for Unit 5:	17	32