

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 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
<b>Unit 1: Engineering and Technology</b>			
<b>Unit 1 Project</b>	Optional	<b>3 days (30 minutes each)</b>	
<b>Lesson 1: Engineer It • What Does an Engineer Do?</b>	<b>5 days (30 minutes each)</b>	<b>7 days (30 minutes each)</b>	
Engage (pp. 4–5)	15 minutes	20 minutes	
Alternative Engage Strategy (p. 4)	10 minutes	10 minutes	
Explore/Explain: Problems and Solutions (pp. 6–8)	20 minutes	25 minutes	
Apply What You Know • Read, Write, Share! (p. 8)	10 minutes	10 minutes	
Hands-On Activity: Engineer It • Problem and Solution (pp. 9–10)	30 minutes	40 minutes	
Explore/Explain: Engineers (pp. 11–12)	15 minutes	25 minutes	
Apply What You Know • Evidence Notebook (p. 12)	10 minutes	15 minutes	

## HMH SCIENCE DIMENSIONS GRADE K DETAILED PACING GUIDE

Elaborate: Take It Further (pp. 13–14)	Optional	25 minutes	
Elaborate: Take It Further • Do the Math! (p. 13)	10 minutes	10 minutes	
Evaluate: Lesson Check (pp. 15–17)	30 minutes	30 minutes	
<b>Lesson 2: Engineer It • How Can We Use a Design Process?</b>	<b>5 days (30 minutes each)</b>	<b>7 days (30 minutes each)</b>	
Engage (pp. 18–19)	15 minutes	15 minutes	
Alternative Engage Strategy (p. 18)	Optional	10 minutes	
Explore/Explain: A Design Process— Step 1 and Step 2 (p. 20)	15 minutes	20 minutes	
Do the Math! (p. 21)	5 minutes	5 minutes	
Apply What You Know • Evidence Notebook (p. 21)	10 minutes	10 minutes	
Explore/Explain: A Design Process— Step 3 and Step 4 (pp. 22–23)	15 minutes	20 minutes	
Apply What You Know • Evidence Notebook (p. 23)	10 minutes	10 minutes	
Explore/Explain: A Design Process— Step 5 (p. 24)	10 minutes	20 minutes	
Apply What You Know • Read, Write, Share! (p. 24)	10 minutes	10 minutes	
Hands-On Activity: Engineer It • A Design Process (pp. 25–26)	30 minutes	40 minutes	
Elaborate: Take It Further (pp. 27–28)	Optional	20 minutes	
Evaluate: Lesson Check (pp. 29–31)	30 minutes	30 minutes	
<b>You Solve It</b>	<b>Optional</b>	<b>1 day (30 minutes)</b>	
<b>Unit 1 Performance Task</b> (pp. 32–33)	<b>Optional</b>	<b>2 days (30 minutes each)</b>	
<b>Unit 1 Review</b> (pp. 34–36)	<b>1 day (30 minutes)</b>	<b>1 day (30 minutes)</b>	
<b>Unit 1 Test</b> (Assessment Guide)	<b>1 day (30 minutes)</b>	<b>1 day (30 minutes)</b>	
<b>Performance-Based Assessment</b> (Assessment Guide)	<b>Optional</b>	<b>2 days (30 minutes each)</b>	
<b>Total Days for Unit 1:</b>	<b>12</b>	<b>24</b>	

## HMH SCIENCE DIMENSIONS GRADE K DETAILED PACING GUIDE

	Core (2–3 days/week)	Comprehensive (daily)	Customize Your Pacing Guide
<b>Unit 2: Forces and Motion</b>			
<b>Unit 2 Project</b>	Optional	<b>3 days (30 minutes each)</b>	
<b>Lesson 1: Engineer It • What Is Motion?</b>	<b>5 days (30 minutes each)</b>	<b>7 days (30 minutes each)</b>	
Engage (pp. 40–41)	15 minutes	15 minutes	
Alternative Engage Strategy (p. 40)	Optional	10 minutes	
Explore/Explain: Motion (pp. 42–43)	20 minutes	20 minutes	
Apply What You Know • Evidence Notebook (p. 43)	10 minutes	10 minutes	
Explore/Explain: Speed (pp. 44)	10 minutes	10 minutes	
Apply What You Know (p. 44)	10 minutes	10 minutes	
Hands-On Activity: Engineer It • Make a Ramp (pp. 45–46)	30 minutes	30 minutes	
Explore/Explain: Direction (pp. 47–48)	15 minutes	20 minutes	
Apply What You Know (p. 48)	10 minutes	15 minutes	
Elaborate: Take It Further • Read, Write, Share! (p. 49)	Optional	25 minutes	
Elaborate: Take It Further • Do the Math! (p. 50)	Optional	15 minutes	
Evaluate: Lesson Check (pp. 51–53)	30 minutes	30 minutes	
<b>Lesson 2: Engineer It • How Can We Change the Way Things Move?</b>	<b>5 days (30 minutes each)</b>	<b>7 days (30 minutes each)</b>	
Engage (pp. 54–55)	10 minutes	15 minutes	
Alternative Engage Strategy (p. 54)	10 minutes	10 minutes	
Explore/Explain: Changing Speed (p. 56)	10 minutes	20 minutes	
Apply What You Know (p. 56)	10 minutes	10 minutes	
Explore/Explain: Changing Direction (p. 57)	10 minutes	20 minutes	
Apply What You Know • Evidence Notebook (p. 57)	10 minutes	10 minutes	
Explore/Explain: Bumping (p. 58)	10 minutes	10 minutes	
Apply What You Know • Do the Math! (p. 58)	10 minutes	10 minutes	

## HMH SCIENCE DIMENSIONS GRADE K DETAILED PACING GUIDE

Hands-On Activity: Engineer It • Pushing Objects (pp. 59–60)	30 minutes	40 minutes	
Elaborate: Take It Further (pp. 61–62)	10 minutes	15 minutes	
Elaborate: Take It Further • Read, Write, Share! (p. 62)	Optional	20 minutes	
Evaluate: Lesson Check (pp. 63–65)	30 minutes	30 minutes	
<b>You Solve It</b>	<b>Optional</b>	<b>1 day (30 minutes each)</b>	
<b>Unit 2 Performance Task</b> (pp. 66–67)	<b>Optional</b>	<b>2 days (30 minutes each)</b>	
<b>Unit 2 Review</b> (pp. 68–70)	<b>1 day (30 minutes)</b>	<b>1 day (30 minutes)</b>	
<b>Unit 2 Test</b> (Assessment Guide)	<b>1 day (30 minutes)</b>	<b>1 day (30 minutes)</b>	
<b>Performance-Based Assessment</b> (Assessment Guide)	<b>Optional</b>	<b>2 days (30 minutes each)</b>	
<b>Total Days for Unit 2:</b>	<b>12</b>	<b>24</b>	

	Core (2–3 days/week)	Comprehensive (daily)	Customize Your Pacing Guide
<b>Unit 3: Plants and Animals</b>			
<b>Unit 3 Project</b>	Optional	<b>3 days (30 minutes each)</b>	
<b>Lesson 1: What Do Plants Need?</b>	<b>5 days (30 minutes each)</b>	<b>7 days (30 minutes each)</b>	
Engage (pp. 74–75)	10 minutes	10 minutes	
Alternative Engage Strategy (p. 74)	5 minutes	5 minutes	
Explore/Explain: Living and Nonliving Things (pp. 76–77)	15 minutes	15 minutes	
Apply What You Know • Evidence Notebook (p. 77)	10 minutes	10 minutes	
Explore/Explain: Sunlight, Water and Soil (p. 78)	10 minutes	10 minutes	
Hands-On Activity: What Plants Need (pp. 79–80)	20 minutes one day; 20 minutes one day two weeks later	20 minutes one day; 20 minutes one day two weeks later	

## HMH SCIENCE DIMENSIONS GRADE K DETAILED PACING GUIDE

Do the Math! (p. 81)	5 minutes	10 minutes	
Apply What You Know • Evidence Notebook (p. 81)	10 minutes	10 minutes	
Explore/Explain: Air and Space to Grow (pp. 82–84)	15 minutes	20 minutes	
Apply What You Know • Read, Write, Share! (p. 84)	Optional	30 minutes	
Elaborate: Take It Further (pp. 85–86)	Optional	20 minutes	
Evaluate: Lesson Check (pp. 87–89)	30 minutes	30 minutes	
<b>Lesson 2: What Do Animals Need?</b>	<b>5 days (30 minutes each)</b>	<b>7 days (30 minutes each)</b>	
Engage (pp. 90–91)	10 minutes	10 minutes	
Alternative Engage Strategy (p. 90)	Optional	5 minutes	
Explore/Explain: What People Need (pp. 92–93)	15 minutes	15 minutes	
Apply What You Know • Evidence Notebook (p. 93)	Optional	10 minutes	
Explore/Explain: What Animals Need (pp. 94, 97)	10 minutes	10 minutes	
Apply What You Know • Evidence Notebook (p. 97)	5 minutes	10 minutes	
Hands-On Activity: Pill Bug Home (pp. 95–96)	30 minutes	30 minutes	
Explore/Explain: Water and Air for Animals (pp. 98–99)	20 minutes	20 minutes	
Do the Math! (p. 98)	5 minutes	5 minutes	
Apply What You Know • Evidence Notebook (p. 99)	5 minutes	5 minutes	
Explore/Explain: Food for Animals (p. 100)	10 minutes	10 minutes	
Apply What You Know • Read, Write, Share! (p. 100)	Optional	20 minutes	
Elaborate: Take It Further (p. 101)	10 minutes	10 minutes	
Elaborate: Take It Further • Read, Write, Share! (p. 102)	Optional	20 minutes	
Evaluate: Lesson Check (pp. 103–105)	30 minutes	30 minutes	
<b>Lesson 3: Where Do Plants and Animals Live?</b>	<b>5 days (30 minutes each)</b>	<b>7 days (30 minutes each)</b>	
Engage (pp. 106–107)	10 minutes	10 minutes	
Alternative Engage Strategy (p. 106)	5 minutes	5 minutes	
Explore/Explain: Desert (pp. 108–109)	10 minutes	10 minutes	
Apply What You Know • Read, Write, Share! (p. 109)	Optional	20 minutes	

## HMH SCIENCE DIMENSIONS GRADE K DETAILED PACING GUIDE

Explore/Explain: Forests (p. 110)	10 minutes	10 minutes	
Hands-On Activity: Where Plants Live (pp. 111–112)	5 minutes the first day; 5 minutes each day for one week; 10 minutes on the last day	5 minutes the first day; 5 minutes each day for one week; 10 minutes on the last day	
Do The Math! (p. 113)	5 minutes	5 minutes	
Apply What You Know • Read, Write, Share! (p. 113)	10 minutes	10 minutes	
Explore/Explain: Ponds (pp. 114–115)	10 minutes	10 minutes	
Apply What You Know • Read, Write, Share! (p. 115)	Optional	20 minutes	
Explore/Explain: Oceans (p. 116)	10 minutes	10 minutes	
Apply What You Know • Read, Write, Share! (p. 116)	Optional	10 minutes	
Elaborate: Take It Further (pp. 117–118)	10 minutes	20 minutes	
Evaluate: Lesson Check (pp. 119–121)	30 minutes	30 minutes	
<b>Lesson 4: How Do Plants and Animals Change Their Environment?</b>	<b>5 days (30 minutes each)</b>	<b>7 days (30 minutes each)</b>	
Engage (pp. 122–123)	10 minutes	10 minutes	
Alternative Engage Strategy (p. 122)	5 minutes	5 minutes	
Explore/Explain: Plant and Animal Changes (pp. 124–126)	15 minutes	20 minutes	
Apply What You Know • Evidence Notebook (p. 126)	15 minutes	15 minutes	
Explore/Explain: Changes All Around (pp. 127–128)	10 minutes	20 minutes	
Apply What You Know • Evidence Notebook (p. 128)	10 minutes	10 minutes	
Explore/Explain: Changes to the Environment (pp. 129–130)	15 minutes	20 minutes	
Apply What You Know • Evidence Notebook (p. 130)	Optional	10 minutes	
Hands-On Activity: Engineer It • Plan a Park (pp. 131–132)	30 minutes	30 minutes	

## HMH SCIENCE DIMENSIONS GRADE K DETAILED PACING GUIDE

Elaborate: Take It Further • Do the Math! (p. 133)	10 minutes	15 minutes	
Elaborate: Take It Further • Read, Write, Share! (p. 134)	Optional	25 minutes	
Evaluate: Lesson Check (pp. 135–137)	30 minutes	30 minutes	
<b>You Solve It</b>	<b>Optional</b>	<b>1 day (30 minutes)</b>	
<b>Unit 3 Performance Task</b> (pp. 138–139)	<b>Optional</b>	<b>2 days (30 minutes each)</b>	
<b>Unit 3 Review</b> (pp. 140–142)	<b>1 day (30 minutes)</b>	<b>1 day (30 minutes)</b>	
<b>Unit 3 Test</b> (Assessment Guide)	<b>1 day (30 minutes)</b>	<b>1 day (30 minutes)</b>	
<b>Performance-Based Assessment</b> (Assessment Guide)	<b>Optional</b>	<b>2 days (30 minutes each)</b>	
<b>Total Days for Unit 3:</b>	<b>22</b>	<b>38</b>	

	Core (2–3 days/week)	Comprehensive (daily)	Customize Your Pacing Guide
<b>Unit 4: Sun Warms Earth</b>			
<b>Unit 4 Project</b>	Optional	<b>3 days (30 minutes each)</b>	
<b>Lesson 1: How Does the Sun Warm Earth?</b>	<b>5 days (30 minutes each)</b>	<b>7 days (30 minutes each)</b>	
Engage (pp. 146–147)	15 minutes	20 minutes	
Alternative Engage Strategy (p. 146)	5 minutes	10 minutes	
Explore/Explain: The Sun’s Light (pp. 148–149)	20 minutes	25 minutes	
Apply What You Know • Do the Math! (p. 149)	10 minutes	15 minutes	
Explore/Explain: The Sun’s Heat (p. 150)	10 minutes	25 minutes	
Apply What You Know • Read, Write, Share! (p. 150)	10 minutes	25 minutes	
Hands-On Activity: The Sun’s Heat (pp. 151–152)	5 minutes; then wait 1 hour;	5 minutes; then wait 1 hour;	

## HMH SCIENCE DIMENSIONS GRADE K DETAILED PACING GUIDE

		then 25 minutes	then 25 minutes	
	Elaborate: Take It Further (pp. 153–154)	20 minutes	30 minutes	
	Evaluate: Lesson Check (pp. 155–157)	30 minutes	30 minutes	
	<b>Lesson 2: Engineer It • How Can I Protect Myself from the Sun?</b>	<b>5 days (30 minutes each)</b>	<b>7 days (30 minutes each)</b>	
	Engage (pp. 158–159)	10 minutes	15 minutes	
	Alternative Engage Strategy (p. 158)	10 minutes	15 minutes	
	Explore/Explain: Heat, Light, and Shade (p. 160)	15 minutes	20 minutes	
	Do the Math! (p. 161)	5 minutes	10 minutes	
	Apply What You Know • Evidence Notebook (p. 161)	10 minutes	15 minutes	
	Explore/Explain: Engineers at Work (pp. 162)	15 minutes	20 minutes	
	Apply What You Know • Evidence Notebook (p. 162)	10 minutes	15 minutes	
	Hands-On Activity: Engineer It • Design Shade (pp. 163–164)	30 minutes	30 minutes	
	Elaborate: Take It Further (p. 165)	15 minutes	15 minutes	
	Elaborate: Take It Further • Read, Write, Share! (p. 166)	Optional	25 minutes	
	Evaluate: Lesson Check (pp. 167–169)	30 minutes	30 minutes	
	<b>You Solve It</b>	<b>Optional</b>	<b>1 day (30 minutes)</b>	
	<b>Unit 4 Performance Task</b> (pp. 170–171)	<b>Optional</b>	<b>2 days (30 minutes each)</b>	
	<b>Unit 4 Review</b> (pp. 172–174)	<b>1 day (30 minutes)</b>	<b>1 day (30 minutes)</b>	
	<b>Unit 4 Test</b> (Assessment Guide)	<b>1 day (30 minutes)</b>	<b>1 day (30 minutes)</b>	
	<b>Performance-Based Assessment</b> (Assessment Guide)	<b>Optional</b>	<b>2 days (30 minutes each)</b>	
	<b>Total Days For Unit 4:</b>	<b>12</b>	<b>24</b>	



## HMH SCIENCE DIMENSIONS GRADE K DETAILED PACING GUIDE

	Core (2–3 days/week)	Comprehensive (daily)	Customize Your Pacing Guide
<b>Unit 5: Weather</b>			
<b>Unit 5 Project</b>	Optional	<b>3 days (30 minutes each)</b>	
<b>Lesson 1: How Can We Observe Weather Patterns?</b>	<b>5 days (30 minutes each)</b>	<b>7 days (30 minutes each)</b>	
Engage (pp. 178–179)	10 minutes	10 minutes	
Alternative Engage Strategy (p. 178)	5 minutes	5 minutes	
Explore/Explain: Different Kinds of Weather (p. 180)	15 minutes	15 minutes	
Apply What You Know • Evidence Notebook (p. 180)	Optional	10 minutes	
Explore/Explain: Weather Patterns (pp. 181–182)	20 minutes	20 minutes	
Apply What You Know • Do the Math! (p. 182)	Optional	5 minutes	
Hands-On Activity: Observing Patterns in Weather (pp. 183–184)	5 minutes each day for a week; 15 minutes to complete step 3	5 minutes each day for a week; 15 minutes to complete step 3	
Do the Math! (p. 185)	10 minutes	10 minutes	
Apply What You Know • Evidence Notebook (p. 185)	Optional	10 minutes	
Explore/Explain: The Seasons (pp. 186–188)	20 minutes	20 minutes	
Apply What You Know (p. 188)	Optional	5 minutes	
Elaborate: Take It Further (p. 189)	Optional	20 minutes	
Elaborate: Take It Further • Read, Write, Share! (p. 190)	Optional	10 minutes	
Evaluate: Lesson Check (pp. 191–193)	30 minutes	30 minutes	
<b>Lesson 2: How Can We Measure Weather?</b>	<b>5 days (30 minutes each)</b>	<b>7 days (30 minutes each)</b>	
Engage (pp. 195–196)	10 minutes	15 minutes	
Alternative Engage Strategy (p. 195)	5 minutes	10 minutes	
Explore/Explain: Weather Tools (pp. 196–197)	15 minutes	20 minutes	

## HMH SCIENCE DIMENSIONS GRADE K DETAILED PACING GUIDE

Apply What You Know • Evidence Notebook (p. 197)	10 minutes	15 minutes	
Explore/Explain: Using Weather Tools (pp. 198–200)	15 minutes	20 minutes	
Apply What You Know • Do the Math! (p. 200)	10 minutes	15 minutes	
Hands-On Activity: Measuring Weather with Tools (pp. 201–202)	5 minutes each day for a week; 15 minutes to complete step 3	5 minutes each day for a week; 20 minutes to complete step 3	
Elaborate: Take It Further (p. 203)	15 minutes	20 minutes	
Elaborate: Take It Further • Read, Write, Share! (p. 204)	Optional	20 minutes	
Evaluate: Lesson Check (pp. 205–207)	30 minutes	30 minutes	
<b>Lesson 3: Engineer It • What Are Kinds of Severe Weather?</b>	<b>5 days (30 minutes each)</b>	<b>7 days (30 minutes each)</b>	
Engage (pp. 208–209)	10 minutes	10 minutes	
Alternative Engage Strategy (p. 208)	5 minutes	5 minutes	
Explore/Explain: Thunderstorms (p. 210)	15 minutes	20 minutes	
Hands-On Activity: Engineer It • Model Thunder (pp. 211–212)	15 minutes	20 minutes	
Apply What You Know • Do the Math! (p. 213)	10 minutes	10 minutes	
Explore/Explain: Winter Storms (pp. 214–215)	15 minutes	20 minutes	
Apply What You Know • Read, Write, Share! (p. 215)	10 minutes	10 minutes	
Explore/Explain: Tornadoes (p. 216)	15 minutes	20 minutes	
Apply What You Know • Read, Write, Share! (p. 216)	10 minutes	10 minutes	
Explore/Explain: Hurricanes (pp. 217–218)	15 minutes	20 minutes	
Apply What You Know • Evidence Notebook (p. 218)	Optional	10 minutes	
Elaborate: Take It Further (pp. 219–220)	Optional	25 minutes	
Evaluate: Lesson Check (pp. 221–223)	30 minutes	30 minutes	
<b>Lesson 4: Engineer It • How Can Forecasts Help Us?</b>	<b>5 days (30 minutes each)</b>	<b>7 days (30 minutes each)</b>	

## HMH SCIENCE DIMENSIONS GRADE K DETAILED PACING GUIDE

Engage (pp. 224–225)	15 minutes	20 minutes	
Alternative Engage Strategy (p. 224)	5 minutes	10 minutes	
Explore/Explain: Weather Forecast (p. 226)	10 minutes	15 minutes	
Do the Math! (p. 227)	5 minutes	10 minutes	
Apply What You Know • Read, Write, Share! (p. 227)	10 minutes	15 minutes	
Explore/Explain: Prepare for Weather (pp. 228–230)	15 minutes	25 minutes	
Apply What You Know • Evidence Notebook (p. 230)	10 minutes	15 minutes	
Hands-On Activity: Plan a Severe Weather Safety Kit (pp. 231–232)	30 minutes	40 minutes	
Elaborate: Take It Further (pp. 233–234)	20 minutes	30 minutes	
Evaluate: Lesson Check (pp. 235–237)	30 minutes	30 minutes	
<b>You Solve It</b>	<b>Optional</b>	<b>1 day (30 minutes)</b>	
<b>Unit 5 Performance Task</b> (pp. 238–239)	<b>Optional</b>	<b>2 days (30 minutes each)</b>	
<b>Unit 5 Review</b> (pp. 240–242)	<b>1 day (30 minutes)</b>	<b>1 day (30 minutes)</b>	
<b>Unit 5 Test</b> (Assessment Guide)	<b>1 day (30 minutes)</b>	<b>1 day (30 minutes)</b>	
<b>Performance-Based Assessment</b> (Assessment Guide)	<b>Optional</b>	<b>2 days (30 minutes each)</b>	
<b>Total Days for Unit 5:</b>	<b>22</b>	<b>38</b>	

	(2–3 days/week) Core	Comprehensive (daily)	Customize Your Pacing Guide
<b>Unit 6: Earth’s Resources</b>			
<b>Unit 6 Project</b>	Optional	<b>3 days (30 minutes each)</b>	
<b>Lesson 1: What Are Natural Resources?</b>	<b>5 days (30 minutes each)</b>	<b>7 days (30 minutes each)</b>	

## HMH SCIENCE DIMENSIONS GRADE K DETAILED PACING GUIDE

Engage (pp. 246–247)	10 minutes	10 minutes	
Alternative Engage Strategy (p. 246)	Optional	10 minutes	
Explore/Explain: Air (pp. 248–249)	15 minutes	15 minutes	
Apply What You Know • Do the Math! (p. 149)	10 minutes	10 minutes	
Explore/Explain: Water (pp. 250–251)	15 minutes	15 minutes	
Apply What You Know • Evidence Notebook (p. 251)	10 minutes	10 minutes	
Explore/Explain: Rock (pp. 252–253)	15 minutes	15 minutes	
Apply What You Know • Read, Write, Share! (p. 253)	Optional	10 minutes	
Explore/Explain: Soil (p. 254)	15 minutes	15 minutes	
Apply What You Know (p. 254)	Optional	10 minutes	
Hands-On Activity: Clay Bricks (pp. 255–256)	10 minutes; then wait 1 hour; then 10 minutes	10 minutes; then wait 1 hour; then 20 minutes	
Elaborate: Take It Further (p. 257)	10 minutes	15 minutes	
Elaborate: Take It Further • Read, Write, Share! (p. 258)	Optional	15 minutes	
Evaluate: Lesson Check (pp. 259–261)	30 minutes	30 minutes	
<b>Lesson 2: Engineer It • How Can We Save Natural Resources?</b>	<b>5 days (30 minutes each)</b>	<b>7 days (30 minutes each)</b>	
Engage (pp. 262–263)	10 minutes	10 minutes	
Alternative Engage Strategy (p. 262)	Optional	10 minutes	
Explore/Explain: Harming Natural Resources (pp. 264–265)	15 minutes	20 minutes	
Apply What You Know (p. 265)	10 minutes	10 minutes	
Explore/Explain: Reduce (pp. 266–267)	15 minutes	20 minutes	
Apply What You Know • Read, Write, Share! (p. 267)	Optional	10 minutes	
Explore/Explain: Reuse and Recycle (p. 268)	10 minutes	15 minutes	
Apply What You Know • Read, Write, Share! (p. 268)	10 minutes	10 minutes	
Hands-On Activity: Engineer It • Where Does Our Trash Go? (pp. 269–270)	10 minutes for Step 1; Step 2: 2 minutes each day for two weeks; 20 minutes for Steps 3 and 4	10 minutes for Step 1; Step 2: 5 minutes each day for two weeks; 20 minutes for Steps 3 and 4	

## HMH SCIENCE DIMENSIONS GRADE K DETAILED PACING GUIDE

	Elaborate: Take It Further (pp. 271–272)	Optional	25 minutes	
	Evaluate: Lesson Check (pp. 273–275)	30 minutes	30 minutes	
	<b>You Solve It</b>	<b>Optional</b>	<b>1 day (30 minutes)</b>	
	<b>Unit 6 Performance Task</b> (pp. 276–277)	<b>Optional</b>	<b>2 days (30 minutes each)</b>	
	<b>Unit 6 Review</b> (pp. 278–280)	<b>1 day (30 minutes)</b>	<b>1 day (30 minutes)</b>	
	<b>Unit 6 Test</b> (Assessment Guide)	<b>1 day (30 minutes)</b>	<b>1 day (30 minutes)</b>	
	<b>Performance-Based Assessment</b> (Assessment Guide)	<b>Optional</b>	<b>2 days (30 minutes each)</b>	
	<b>Total Days for Unit 6:</b>	<b>12</b>	<b>24</b>	