

Grade 4 - Unit 1 – Physical Science: Sources of Energy

14 Days

- 10 Lessons (5 Content, 5 “Investigate”)
- 2 Quizzes
- 1 Review / Flex Day
- 1 Unit Test

Day 1 Lesson 1.1 Batter Up	Day 2 Lesson 1.2 Speed *INVESTIGATE	Day 3 Lesson 1.3 Hit the Ball	Day 4 Lesson 1.4 Motion *INVESTIGATE	Day 5 QUIZ 1
Day 6 Lesson 1.5 Sounds of the Game	Day 7 Lesson 1.6 Sound *INVESTIGATE	Day 8 Lesson 1.7 The Sun’s Light	Day 9 Lesson 1.8 Light *INVESTIGATE	Day 10 Lesson 1.9 Heat it Up!
Day 11 Lesson 1.10 – Heat *INVESTIGATE	Day 12 QUIZ 2	Day 13 <i>Review / Flex Day</i>	Day 14 UNIT 2 TEST	

Grade 4 - Unit 2 – Physical Science: Uses of Energy

19 Days

- 11 Lessons (6 Content, 1 Investigate, 4 “Think Like an Engineer/Scientist”)
- 2 Quizzes
- 1 Review / Flex Day
- 1 Unit Test

Day 1 Lesson 2.1 It’s Electric!	Day 2 Lesson 2.2 Electric Circuits	Day 3 Lesson 2.3 Electric Circuits *INVESTIGATE	Day 4 Lesson 1.4 Spin it	Day 5 QUIZ 1
Day 6 Lesson 2.5 (1/2) Finding Solutions to Energy Problems *THINK LIKE AN ENGINEER	Day 7 Lesson 2.5 (2/2) Finding Solutions to Energy Problems *THINK LIKE AN ENGINEER	Day 8 Lesson 2.6 (1/3) Design, Test, and Refine a Device *THINK LIKE AN ENGINEER	Day 9 Lesson 2.6 (2/3) Design, Test, and Refine a Device *THINK LIKE AN ENGINEER	Day 10 Lesson 2.6 (3/3) Design, Test, and Refine a Device *THINK LIKE AN ENGINEER
Day 11 Lesson 2.7 (1/2) Design, Test, and Refine a Device *THINK LIKE AN ENGINEER PBA Part of Unit Assessment	Day 12 Lesson 2.7 (2/2) Design, Test, and Refine a Device *THINK LIKE AN ENGINEER PBA Part of Unit Assessment	Day 13 Lesson 2.8 Nonrenewable Energy Resources	Day 14 Lesson 2.9 Renewable Energy Resources	Day 15 Lesson 2.10 Energy Resources and the Environment
Day 16 Lesson 2.11 Obtain and Combine Information *THINK LIKE A SCIENTIST	Day 17 QUIZ 2	Day 18 <i>Review / Flex Day</i>	Day 19 UNIT 2 TEST Written Portion (PBA Portion from Lesson 2.7)	

Grade 4 - Unit 3 – Physical Science: Waves

13 Days

- 9 Lessons (4 Content, 2 Investigate, 1 “Think Like an Engineer/Scientist,” 1 Science Career)
- 1 Quiz
- 1 Review / Flex Day
- 1 Unit Test

+ 1 Additional Day for Physical Science Benchmark

Day 1 Lesson 3.1 Waves	Day 2 Lesson 3.2 Wave Properties	Day 3 Lesson 3.3 Wavelength and Amplitude *INVESTIGATE	Day 4 Lesson 3.4 How Waves Move Objects *INVESTIGATE	Day 5 Lesson 3.5 Informational Technology – GPS
Day 6 Lesson 3.6 Informational Technology – Cell Phones	Day 7 Lesson 3.7 Using a Code *INVESTIGATE	Day 8 QUIZ	Day 9 Lesson 3.8 (1/2) Compare Multiple Solutions *THINK LIKE AN ENGINEER	Day 10 Lesson 3.8 (2/2) Compare Multiple Solutions *THINK LIKE AN ENGINEER PBA Part of Unit Assessment
Day 11 Lesson 3.9 Animal Tracker *Science Career	Day 12 <i>Review / Flex Day</i>	Day 13 UNIT 3 TEST Written Portion (PBA Portion from Lesson 3.8)	Additional Day PHYSICAL SCIENCE BENCHMARK COVERS UNITS 1-3	

Grade 4 - Unit 4 – Life Science

16 Days

- 12 Lessons (7 Content, 1 Investigate, 3 “Think Like an Engineer/Scientist,” 1 Science Career)
- 1 Quiz
- 1 Review / Flex Day
- 1 Unit Test

Day 1 Lesson 4.1 External Structures of a Wild Rose	Day 2 Lesson 4.2 Internal Structures of a Wild Rose	Day 3 Lesson 4.3 Construct an Argument *THINK LIKE A SCIENTIST	Day 4 Lesson 4.4 External Structures of an Elephant	Day 5 Lesson 4.5 Internal Structures of an Elephant
Day 6 Lesson 4.6 Bones and Muscles of an Elephant	Day 7 Lesson 4.7 Construct an Argument *THINK LIKE AN SCIENTIST	Day 8 Lesson 4.8 Animal Senses	Day 9 Lesson 4.9 Light and Sound	Day 10 Lesson 4.10 How We See *INVESTIGATE
Day 11 QUIZ	Day 12 Lesson 4.11 (1/2) Use a Model *THINK LIKE A SCIENTIST PBA Part of Unit Assessment	Day 13 Lesson 4.11 (2/2) Use a Model *THINK LIKE A SCIENTIST PBA Part of Unit Assessment	Day 14 Lesson 4.12 Dog Whisperer *SCIENCE CAREER	Day 15 <i>Review / Flex Day</i>
Day 16 UNIT 4 ASSESSMENT Written Portion (PBA Portion from Lesson 4.11)				

Grade 4 - Unit 5 – Earth Science: Earth’s Systems

20 Days

- 14 Lessons (12 Content, 1 Investigate, 1 “Think Like an Engineer/Scientist”)
- 2 Quizzes
- 1 Review / Flex Day
- 1 Unit Test

Day 1 Lesson 5.1 Rainfall in the United States	Day 2 Lesson 5.2 Pacific Northwest Forest	Day 3 Lesson 5.3 Southwest Desert	Day 4 Lesson 5.4 Central Plains Grassland	Day 5 Lesson 5.5 Eastern Temperate Forest
Day 6 QUIZ 1	Day 7 Lesson 5.6 Weathering	Day 8 Lesson 5.7 Erosion and Deposition	Day 9 Lesson 5.8 Wind Changes the Land	Day 10 Lesson 5.9 Water Changes the Land
Day 11 Lesson 5.10 Weathering and Erosion *INVESTIGATE	Day 12 Lesson 5.11 Ice Changes the Land	Day 13 Lesson 5.12 Living Things Change the Land	Day 14 Lesson 5.13 Landslides Change Earth’s Surface	Day 15 QUIZ 2
Day 16 Lesson 5.14 (1/3) Make Observations *THINK LIKE AN ENGINEER PBA Part of Unit Assessment	Day 17 Lesson 5.14 (2/3) Make Observations *THINK LIKE AN ENGINEER PBA Part of Unit Assessment	Day 18 Lesson 5.14 (3/3) Make Observations *THINK LIKE AN ENGINEER PBA Part of Unit Assessment	Day 19 <i>Review / Flex Day</i>	Day 20 UNIT 5 ASSESSMENT Written Portion (PBA Portion from Lesson 5.14)

Grade 4 - Unit 6 – Earth Science: Natural Hazards

23 Days

- 16 Lessons (12 Content, 1 Investigate, 3 “Think Like an Engineer/Scientist”)
- 1 Quiz
- 1 Review / Flex Day
- 1 Unit Test

+ 1 Additional Day for Benchmark

Day 1 Lesson 6.1 Natural Hazards	Day 2 Lesson 6.2 Earthquakes	Day 3 Lesson 6.3 Earthquakes *INVESTIGATE	Day 4 Lesson 6.4 Tsunamis	Day 5 Lesson 6.5 Volcanoes
Day 6 Lesson 6.6 Reducing the Impact of Natural Hazards	Day 7 Lesson 6.7 Early Warning Systems	Day 8 Lesson 6.8 Tsunami Detection	Day 9 Lesson 6.9 Patterns of Water and Land Features	Day 10 QUIZ
Day 11 Lesson 6.10 Analyze and Interpret Data *THINK LIKE A SCIENTIST	Day 12 Lesson 6.11 Building for the Future *THINK LIKE AN ENGINEER	Day 13 Lesson 6.12 (1/5) Generate and Compare Solutions *THINK LIKE AN ENGINEER PBA Part of Unit Test	Day 14 Lesson 6.12 (2/5) Generate and Compare Solutions *THINK LIKE AN ENGINEER PBA Part of Unit Test	Day 15 Lesson 6.12 (3/5) Generate and Compare Solutions *THINK LIKE AN ENGINEER PBA Part of Unit Test
Day 16 Lesson 6.12 (4/5) Generate and Compare Solutions *THINK LIKE AN ENGINEER PBA Part of Unit Test	Day 17 Lesson 6.12 (5/5) Generate and Compare Solutions *THINK LIKE AN ENGINEER PBA Part of Unit Test	Day 18 Lesson 6.13 The Badlands	Day 19 Lesson 6.14 Iceland	Day 20 Lesson 6.15 Identify Evidence *THINK LIKE A SCIENTIST
Day 21 Lesson 6.16 Crisis Mapper *SCIENCE CAREER	Day 22 <i>Review / Flex Day</i>	Day 23 UNIT 6 ASSESSMENT Written Portion (PBA Portion from Lesson 6.12)	Additional Day LIFE / EARTH BENCHMARK COVERS UNITS 4-6	