

Pacing Guide

The following Pacing Guide recommends days for the core instructional elements of each unit. You have options for covering lesson materials: you may choose to follow the comprehensive path or you may choose the core path. You may also customize your Pacing Guide based on your classroom schedule and needs.

An alternative Detailed Pacing Guide that provides further depth on how to manage class time is available online.

Pressed for Time? Follow the faster-paced core schedule.

	Core	Comprehensive 30 minute class	Customize your Pacing Guide
Unit 1 Engineering and Technology			
Unit 1 Project		2 days	
Lesson 1 Engineer It • How Do Engineers Define Problems?	3 days	4 days	
Lesson 2 Engineer It • How Do Engineers Design Solutions?	3 days	4 days	
Lesson 3 Engineer It • How Do Engineers Test and Improve Prototypes?	3 days	4 days	
You Solve It		1 day	
Unit 1 Performance Task		1 day	
Performance-Based Assessment		1 day	
Unit 1 Review and Unit 1 Test	2 days	2 days	
Total Days for Unit 1	11 days	19 days	
Unit 2 Energy			
Unit 2 Project		2 days	
Lesson 1 What Is Energy?	3 days	4 days	

	Core	Comprehensive 30 minute class	Customize your Pacing Guide
Unit 2 Energy continued			
Lesson 2 How Is Energy Transferred?	3 days	4 days	
Lesson 3 How Do Collisions Show Energy?	3 days	4 days	
You Solve It		1 day	
Unit 2 Performance Task		1 day	
Performance-Based Assessment		1 day	
Unit 2 Review and 2 Unit Test	2 days	2 days	
Total Days for Unit 2	11 days	19 days	
Unit 3 Waves and Information Transfer			
Unit 3 Project		2 days	
Lesson 1 What Are Waves?	3 days	4 days	
Lesson 2 How Does Light Reflect?	3 days	4 days	
Lesson 3 How Is Information Transferred from Place to Place?	3 days	4 days	
You Solve It		1 day	
Unit 3 Performance Task		1 day	
Performance-Based Assessment		1 day	
Unit 3 Review and Unit 3 Test	2 days	2 days	
Total Days for Unit 3	11 days	19 days	

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Unit 4 Plant Structure and Function			
Unit 4 Project		2 days	
Lesson 1 What Are Some Plant Parts and How Do They Function?	3 days	4 days	
Lesson 2 Engineer It • How Do Plants Grow and Reproduce?	3 days	4 days	
You Solve It		1 day	
Unit 4 Performance Task		1 day	
Performance-Based Assessment		1 day	
Unit 4 Review and Unit 4 Test	2 days	2 days	
Total Days for Unit 4	8 days	15 days	
Unit 5 Animal Structure and Function			
Unit 5 Project		2 days	
Lesson 1 Engineer It • What Are Some External Structures of Animals?	3 days	4 days	
Lesson 2 What Are Some Internal Structures of Animals?	3 days	4 days	
Lesson 3 How Do Senses Work?	3 days	4 days	
You Solve It		1 day	
Unit 5 Performance Task		1 day	
Performance-Based Assessment		1 day	
Unit 5 Review and Unit 5 Test	2 days	2 days	

	Core	Comprehensive 30 minute class	Customize your Pacing Guide
Unit 5 Animal Structure and Function continued			
Total Days for Unit 5	11 days	19 days	
Unit 6 Changes to Earth's Surface			
Unit 6 Project		2 days	
Lesson 1 How Does Water Shape Earth's Surface?	3 days	4 days	
Lesson 2 How Do Other Factors Shape Earth's Surface?	3 days	4 days	
Lesson 3 Engineer It • How Can Maps Help Us to Learn about Earth's Surface?	3 days	4 day	
Lesson 4 What Patterns Do Maps Show Us?	3 days	4 day	
You Solve It		1 day	
Unit 6 Performance Task		1 day	
Performance-Based Assessment		1 day	
Unit 6 Review and Unit 6 Test	2 days	2 days	
Total Days for Unit 6	14 days	23 days	
Unit 7 Rocks and Fossils			
Unit 7 Project		2 days	
Lesson 1 How Do Rock Layers Change?	3 days	4 days	
Lesson 2 What Do Fossils Tell Us about Ancient Environments?	3 days	4 days	
Lesson 3 What Are Some Patterns Fossils Show Us?	3 days	4 days	

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Unit 7 Rocks and Fossils continued			
You Solve It		1 day	
Unit 7 Performance Task		1 day	
Performance-Based Assessment		1 day	
Unit 7 Review and Unit 7 Test	2 days	2 days	
Total Days for Unit 7	11 days	19 days	
Unit 8 Natural Resources and Hazards			
Unit 8 Project		2 days	
Lesson 1 What Nonrenewable Resources Are Used for Energy?	3 days	4 days	
Lesson 2 Engineer It • What Renewable Resources Are Used for Energy?	3 days	4 days	
Lesson 3 How Can People Reduce the Impact of Land-Based Hazards?	3 days	4 day	
Lesson 4 Engineer It • How Can People Reduce the Impact of Water-Based Hazards?	3 days	4 day	
You Solve It		1 day	
Unit 8 Performance Task		1 day	
Performance-Based Assessment		1 day	
Unit 8 Review and Unit 8 Test	2 days	2 days	
Total Days for Unit 8	14 days	23 days	