

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 path.

	Core	Comprehensive 30 minute class	Customize Your Pacing Guide
Unit 1 Engineering Design Process			
Unit 1 Project		3 days	
Lesson 1 Engineer It • What Is a Design Process?	5 days	7 days	
Lesson 2 Engineer It • How Can We Compare Design Solutions?	5 days	7 days	
You Solve It		1 day	
Unit 1 Performance Task		2 days	
Performance-Based Assessment		2 days	
Unit 1 Review and Unit 1 Test	2 days	2 days	
Total Days for Unit 1	12 days	24 days	

	Core	Comprehensive 30 minute class	Customize Your Pacing Guide
Unit 2 Matter			
Unit 2 Project		3 days	
Lesson 1 Engineer It • What Are Properties of Matter?	5 days	7 days	
Lesson 2 How Are Objects Put Together?	5 days	7 days	
Lesson 3 Do Heating and Cooling Change Matter?	5 days	7 days	
Lesson 4 How Does Matter Change?	5 days	7 days	
You Solve It		1 day	
Unit 2 Performance Task		2 days	
Performance-Based Assessment		2 days	
Unit 2 Review and Unit 2 Test	2 days	2 days	
Total Days for Unit 2	22 days	38 days	

Pacing Guide

	Core	Comprehensive 30 minute class	Customize Your Pacing Guide
Unit 3 Environments for Living Things			
Unit 3 Project		3 days	
Lesson 1 What Do Plants Need?	5 days	7 days	
Lesson 2 Engineer It • How Do Plants Depend on Animals?	5 days	7 days	
Lesson 3 What Plants and Animals Live in Water Habitats?	5 days	7 days	
Lesson 4 What Plants and Animals Live in Land Habitats?	5 days	7 days	
You Solve It		1 day	
Unit 3 Performance Task		2 days	
Performance-Based Assessment		2 days	
Unit 3 Review and Unit 3 Test	2 days	2 days	
Total Days for Unit 3	22 days	38 days	

	Core	Comprehensive 30 minute class	Customize Your Pacing Guide
Unit 4 Earth's Surface			
Unit 4 Project		3 days	
Lesson 1 Where Is Water Found on Earth?	5 days	7 days	
Lesson 2 Engineer It • How Can We Map Land and Water?	5 days	7 days	
You Solve It		1 day	
Unit 4 Performance Task		2 days	
Performance-Based Assessment		2 days	
Unit 4 Review and Unit 4 Test	2 days	2 days	
Total Days for Unit 4	12 days	24 days	
Unit 5 Changes to Earth's Surface			
Unit 5 Project		3 days	
Lesson 1 What Changes on Earth Happen Slowly?	5 days	7 days	
Lesson 2 What Changes on Earth Happen Quickly?	5 days	7 days	
Lesson 3 Engineer It • How Can We Prevent Wind and Water from Changing Land?	5 days	7 days	
You Solve It		1 day	
Unit 5 Performance Task		2 days	
Performance-Based Assessment		2 days	
Unit 5 Review and Unit 5 Test	2 days	2 days	
Total Days for Unit 5	17 days	31 days	