

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.

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

	Core	Comprehensive 30 minute class	Customize your Pacing Guide
Unit 1 Engineering			
Unit 1 Project		2 days	
Lesson 1 Engineer It • How Do We Define a Problem?	4 days	5 days	
Lesson 2 Engineer It • How Can We Design a Solution?	4 days	5 days	
Lesson 3 Engineer It • How Do We Test and Improve a Solution?	4 days	5 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	14 days	22 days	
Unit 2 Forces			
Unit 2 Project		2 days	
Lesson 1 What Are Forces?	4 days	5 days	
Lesson 2 What Are Some Types of Forces?	4 days	5 days	
Lesson 3 Engineer It • What Forces Act from a Distance?	4 days	5 days	

	Core	Comprehensive 30 minute class	Customize your Pacing Guide
Unit 2 Forces continued			
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	14 days	22 days	
Unit 3 Motion			
Unit 3 Project		2 days	
Lesson 1 What Is Motion?	4 days	5 days	
Lesson 2 What Are Some Patterns in Motion?	4 days	5 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	10 days	17 days	
Unit 4 Life Cycles and Inherited Traits			
Unit 4 Project		2 days	
Lesson 1 What Are Some Plant Life Cycles?	4 days	5 days	
Lesson 2 What Are Some Animal Life Cycles?	4 days	5 days	
Lesson 3 What Are Inherited Plant and Animal Traits?	4 days	5 days	

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Unit 4 Life Cycles and Inherited Traits continued			
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	14 days	22 days	
Unit 5 Organisms and Their Environments			
Unit 5 Project		2 days	
Lesson 1 How Does the Environment Affect Traits?	4 days	5 days	
Lesson 2 What Are Adaptations?	4 days	5 days	
Lesson 3 How Can Organisms Succeed in Their Environments?	4 days	5 days	
Lesson 4 Engineer It • What Happens when Environments Change?	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	
Total Days for Unit 5	18 days	27 days	

	Core	Comprehensive 30 minute class	Customize your Pacing Guide
Unit 6 Fossils			
Unit 6 Project		2 days	
Lesson 1 What Is a Fossil?	4 days	5 days	
Lesson 2 What Do Fossils Tell Us about the Past?	4 days	5 days	
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	10 days	17 days	
Unit 7 Weather and Patterns			
Unit 7 Project		2 days	
Lesson 1 How Is Weather Measured?	4 days	5 days	
Lesson 2 How Can We Predict the Weather?	4 days	5 days	
Lesson 3 Engineer It • What Are Some Severe Weather Impacts?	4 days	5 day	
Lesson 4 What Are Some Types of Climates?	4 days	5 days	
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	18 days	27 days	