

# Pacing Guide

## Physics Year at-a-Glance

Use this to guide pacing and understand horizontal alignment.

Approaching TEKS allows teachers to build to the current grade level TEKS. Beyond TEKS allow teachers to extend learning beyond the grade level TEKS.

Chapter	TEKS	Grade Level TEKS Days of Instruction	
<b>Chapter 0:</b> The Process of Science	1.A, 1.B, 1.G, 1.H, 2, 2.A, 2.B, 2.D, 3.A, 3.B, 3.C, 4.A, 4.B,	9	
<b>Chapter 1:</b> Introduction to Physics	1.E, 1.F, 2.B, 2.C, 4.B	8	
<b>Chapter 2:</b> Representing Motion	5.A, 5.B, 5.C	8	
<b>Chapter 3:</b> Accelerated Motion	5.A, 5.B, 5.C	6	
<b>Chapter 4:</b> Forces in One Dimension	5.E, 5.F, 5.G	7	
<b>Chapter 5:</b> Forces in Two Dimensions	5.B, 5.E, 5.F	5	
<b>Chapter 6:</b> Motion in Two Dimensions	5.C, 5.D, 5.F	4	
<b>Chapter 7:</b> Gravitation	1.H, 4.B, 5.H	8	
<b>Chapter 8:</b> Rotational Motion	5.C, 5.E, 5.F	6	
<b>Chapter 9:</b> Momentum and Its Conservation	7.D, 7.E	6	
<b>Chapter 10:</b> Energy and Its Conservation	7.A, 7.B, 7.C, 7.E	7	
<b>Thanksgiving break</b>			
<b>Chapter 11:</b> Thermal Energy	7.C	10	
<b>Christmas break</b>			
<b>Chapter 12:</b> States of Matter	Extension of TEKS 5.F, 7.B, 7.C	9	
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<b>Chapter 14:</b> Using Energy	7.A, 7.C	1-2	

<b>Chapter 15:</b> Vibrations and Waves	8.A, 8.B, 8.C, 8.D	6-8	
<b>Chapter 16:</b> Sound	8.B, 8.C, 8.D	5-7	
<b>Chapter 17:</b> Fundamentals of Light	8.D, 9.B	4-6	
<b>Chapter 18:</b> Reflection	8.D, 8.G	5-7	
<b>Chapter 19:</b> Refraction	8.D, 8.G	5-7	
<b>Chapter 20:</b> Interference and Diffraction	8.D	3-5	
<b>Chapter 21:</b> Electrostatics	6.A, 6.B, 6.C	6-8	
<b>Chapter 22:</b> Electric Current and Circuits	6.D, 6.E	7-9	
<b>Chapter 23:</b> Magnetism	6.B	5-7	
<b>Chapter 24:</b> Electromagnetism	6.B	5-7	
<b>Chapter 25:</b> Electromagnetic Waves	8.B, 8.E	5-7	

As all classrooms and teachers require choice and flexibility, the information above is a general guide. The number of days may vary based on options for labs, use of ELABORATE sections, assigned assessments, and implementation of activities such as STEM Projects or asynchronous options. Suggested pacing above is based on using the recommended green checkmarked items on the respective Lesson Blueprint page in the Teacher Edition.