Course at a Glance

Plan

The Course at a Glance provides a useful visual organization of the AP Physics 1 course components, including:

- Sequence of units, along with approximate weighting and suggested pacing.
 Please note, pacing is based on 45-minute class periods, meeting five days each week for a full academic year.
- Progression of topics within each unit.
- Spiraling of the big ideas and science practices across units.

Teach

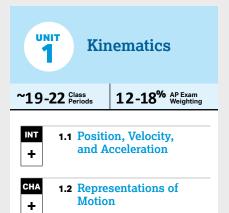
PRACTICES Science practices spiral throughout the course.

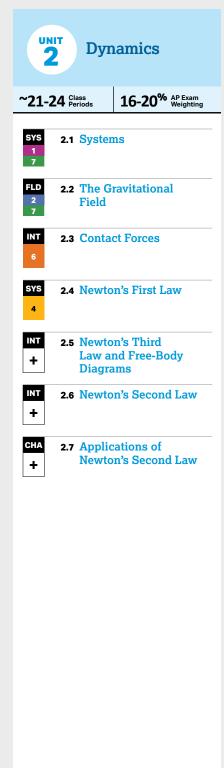


INT 3-Force Interactions

Assess

Assign the Personal Progress Checks—either as homework or in class—for each unit. Each Personal Progress Check contains formative multiple-choice and free-response questions. The feedback from these checks shows students the areas where they need to focus.





Personal Progress Check 1

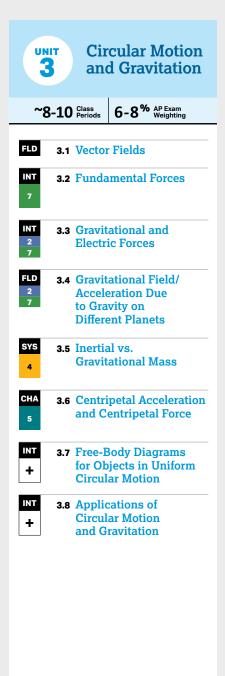
Multiple-choice: ~15 questions Free-response: 2 questions • Experimental Design

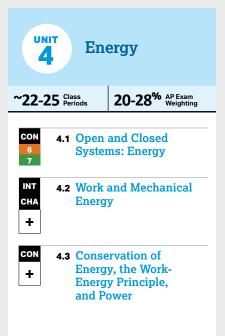
Paragraph Argument Short Answer

Personal Progress Check 2

Multiple-choice: ~40 questions Free-response: 2 questions

- Quantitative/Qualitative Translation
- Short Answer





Momentum		
~14-17 Class Periods	12-18 [%] AP Exam Weighting	
► 5.1 Momentum and Impulse		
	2 Representations of Changes in Momentum	
	5.3 Open and Closed Systems: Momentum	
	5.4 Conservation of Linear Momentum	

Personal Progress Check 3

Multiple-choice: ~40 questions Free-response: 2 questions

- Experimental Design
- Paragraph Argument Short Answer

Personal Progress Check 4

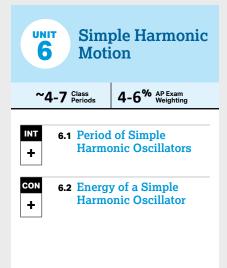
Multiple-choice: ~30 questions

- Free-response: 2 questions
- Quantitative/Qualitative Translation
- Short Answer

Personal Progress Check 5

Multiple-choice: ~35 questions Free-response: 2 questions

- Experimental Design
- Paragraph Argument Short Answer



Torque and Rotational Motion		
~14-19 Class Periods	12-18 [%] AP Exam Weighting	
7.1 Rotational Kinematics		
 Torque and Angular Acceleration 		
CHA 7.3 Angular Momentum and Torque		
	ervation of ar Momentum	

Personal Progress Check 6

Multiple-choice: ~20 questions Free-response: 2 questions

- Experimental Design
- Short Answer

Personal Progress Check 7

Multiple-choice: ~40 questions Free-response: 2 questions

- Quantitative/Qualitative Translation
- Paragraph Argument Short Answer