CollegeBoard AP®

AP DAILY VIDEOS

AP Physics 1

AP Daily is a series of on-demand, short videos—created by expert AP teachers and faculty—that can be used for in-person, online, and blended/hybrid instruction. These videos cover every topic and skill outlined in the AP Course and Exam Description and are available in AP Classroom for students to watch anytime, anywhere.

Unit 1

Video Title	Topic	Video Focus	Instructor
1.1: Daily Video 1	Position, Velocity, and Acceleration	How an observer's frame of reference is used to determine quantities such as displacement and velocity.	Joshua Beck
1.1: Daily Video 2	Position, Velocity, and Acceleration	Comparing objects moving through space at constant velocities to objects moving with uniform acceleration.	Joshua Beck
1.1: Daily Video 3	Position, Velocity, and Acceleration	How to design an experiment to determine the acceleration of an object.	Joshua Beck
1.1: Daily Video 4	Position, Velocity, and Acceleration	How to analyze the data from the experiment in 1.1: Daily Video 4.	Joshua Beck
1.1: Daily Video 5	Position, Velocity, and Acceleration	Looking conceptually at free fall and change of velocity of an object dropped, thrown up, and thrown down.	Kristin Gonzales-Vega
1.1: Daily Video 6	Position, Velocity, and Acceleration	Examining objects thrown up, dropped, and thrown down; comparing velocity and acceleration using the kinematic equations.	Kristin Gonzales-Vega
1.1: Daily Video 7	Position, Velocity, and Acceleration	Determining the acceleration due to gravity (g) of an object in free fall.	Kristin Gonzales-Vega
1.1: Daily Video 8	Position, Velocity, and Acceleration	Comparing horizontal and vertical motion for projectiles and objects in free fall.	Kristin Gonzales-Vega
1.2: Daily Video 1	Representations of Motion	Comparing the motion of two different objects in a race, determining points of interest and adjustments required to result in a tie.	Joshua Beck
1.2: Daily Video 2	Representations of Motion	Learning to predict the effects of changing an object's displacement, velocity, acceleration, or time.	Joshua Beck
1.2: Daily Video 3	Representations of Motion	Predicting position vs. time and velocity vs. time graphs for objects moving under various parameters.	Joshua Beck
1.2: Daily Video 4	Representations of Motion	Creating motion graphs for position, velocity, and acceleration for projectiles launched both horizontally and at an angle.	Kristin Gonzales-Vega
1.2: Daily Video 5	Representations of Motion	Developing a plan to collect data in order to determine the launch velocity of a horizontally launched projectile.	Kristin Gonzales-Vega
1.2: Daily Video 6	Representations of Motion	Why a projectile launched at both too small of an angle or too large of an angle will travel a small distance (range).	Kristin Gonzales-Vega

Unit 2

Video Title	Topic	Video Focus	Instructor
2.1: Daily Video 1	Systems	We will draw free-body diagrams for objects in equilibrium, communicating the object exerting and experiencing each force.	Greg Jacobs
2.1: Daily Video 2	Systems	We will show how the center of mass of a system obeys Newton's laws.	Greg Jacobs
2.2: Daily Video 1	The Gravitational Field	We will discuss the difference between mass and weight, and the definition of gravitational field.	Kristin Gonzales-Vega
2.2: Daily Video 2	The Gravitational Field	We will determine the gravitational field at some point using the gravitational force exerted by the field on various masses.	Kristin Gonzales-Vega
2.3: Daily Video 1	Contact Forces	We will define and demonstrate what is meant by a "normal" force.	Kristin Gonzales-Vega
2.3: Daily Video 2	Contact Forces	We will discuss Hooke's law, the spring force, and spring constant.	Kristin Gonzales-Vega
2.3: Daily Video 3	Contact Forces	We will design an experiment to determine if a spring obeys Hooke's law.	Kristin Gonzales-Vega
2.3: Daily Video 4	Contact Forces	We will discuss the friction force, and the coefficient of friction, conceptually.	Kristin Gonzales-Vega
2.4: Daily Video 1	Newton's First Law	Using equilibrium situations, we will show how forces acting perpendicular to each other add to a resultant force.	Greg Jacobs
2.4: Daily Video 2	Newton's First Law	Using equilibrium situations, we will show how a resultant force can be broken into components.	Greg Jacobs
2.4: Daily Video 3	Newton's First Law	We will discuss how to break forces into components when an object is on an incline.	Greg Jacobs
2.4: Daily Video 4	Newton's First Law	We will design an experiment to collect data to determine the relationship between the net force exerted on an object, its inertial mass, and its acceleration.	Kristin Gonzales-Vega
2.5: Daily Video 1	Newton's Third Law and Free-Body Diagrams	We will introduce the correct use of Newton's third law and address common misconceptions.	Kristin Gonzales-Vega
2.5: Daily Video 2	Newton's Third Law and Free-Body Diagrams	We will identify force pair interactions within a system of objects.	Kristin Gonzales-Vega
2.5: Daily Video 3	Newton's Third Law and Free-Body Diagrams	We will apply Newton's third law to systems of objects to compare the acceleration of objects within the system.	Kristin Gonzales-Vega
2.6: Daily Video 1	Newton's Second Law	We will discuss how the direction of a force relates (or doesn't relate) to the direction of motion.	Greg Jacobs
2.6: Daily Video 2	Newton's Second Law	We will show experimentally how acceleration—not speed—depends on both net force and mass.	Greg Jacobs
2.6: Daily Video 3	Newton's Second Law	We will linearize the data set from Video 2 to determine the force produced by a fan cart.	Greg Jacobs
2.6: Daily Video 4	Newton's Second Law	We will make semi-quantitative predictions about motion based on Newton's second law.	Greg Jacobs
2.6: Daily Video 5	Newton's Second Law	We will show how Newton's second law applies to graphical representations of motion.	Greg Jacobs
2.6: Daily Video 6	Newton's Second Law	We will make predictions about the motion of an object on an incline.	Greg Jacobs

Video Title	Topic	Video Focus	Instructor
2.7: Daily Video 1	Applications of Newton's Second Law	We will place a spring scale in a moving elevator and predict its motion based off of the reading.	Kristin Gonzales-Vega
2.7: Daily Video 2	Applications of Newton's Second Law	We will demonstrate the friction force–normal force relationship experimentally to determine the coefficient of kinetic friction.	Kristin Gonzales-Vega
2.7: Daily Video 3	Applications of Newton's Second Law	We will apply Newton's second law to a situation with strings and a pulley, called the Atwood machine.	Kristin Gonzales-Vega
2.7: Daily Video 4	Applications of Newton's Second Law	We will make qualitative and quantitative predictions about the acceleration of objects in a modified Atwood machine; then we will measure the acceleration with multiple methods.	Greg Jacobs
2.7: Daily Video 5	Applications of Newton's Second Law	We will make qualitative and quantitative predictions about the tension in the string in a modified Atwood machine; then we will measure that tension.	Greg Jacobs

Unit 3

Video Title	Topic	Video Focus	Instructor
3.1: Daily Video 1	Vector Fields	We will make a testable prediction within the classroom, then make a numerical estimate to see if g will change even on top of a high mountain.	Greg Jacobs
3.2: Daily Video 1	Fundamental Forces	We will use free-body diagrams to represent the forces acting on different objects.	Oluwanifemi (Nifemi) Kolayemi
3.3: Daily Video 1	Gravitational and Electric Forces	We will explore the mathematical relationships represented by the universal gravitational equation.	Oluwanifemi (Nifemi) Kolayemi
3.4: Daily Video 1	Gravitational Field / Acceleration Due to Gravity on Different Planets	We will estimate and compare the strengths of gravitational fields of different planets.	Oluwanifemi (Nifemi) Kolayemi
3.5: Daily Video 1	Inertial vs. Gravitational Mass	We will determine what tools to use to measure gravitational mass and inertial mass.	Oluwanifemi (Nifemi) Kolayemi
3.6: Daily Video 1	Centripetal Acceleration and Centripetal Force	We will demonstrate the direction of acceleration for an object moving in uniform circular motion.	Oluwanifemi (Nifemi) Kolayemi
3.7: Daily Video 1	Free-Body Diagrams for Objects in Uniform Circular Motion	We will make experimental measurements demonstrating the relationships between net force, mass, speed, and radius in circular motion.	Greg Jacobs
3.8: Daily Video 1	Applications of Circular Motion and Gravitation	We will make semi-quantitative predictions about circular orbits.	Greg Jacobs
3.8: Daily Video 2	Applications of Circular Motion and Gravitation	We will show how to relate the period of circular motion to an object's speed. We will use that relationship to make an experimental prediction.	Greg Jacobs
3.8: Daily Video 3	Applications of Circular Motion and Gravitation	Using algebraic derivation and the order of magnitude estimates, we will predict and verify the force of the earth on the moon.	Greg Jacobs

Unit 4

Video Title	Topic	Video Focus	Instructor
4.1: Daily Video 1	Open and Closed Systems—Energy	We will learn the definition of a system and how to determine/identify a system.	Jim Vander Weide
4.1: Daily Video 2	Open and Closed Systems—Energy	We will learn how to determine if a system is open, closed, or isolated.	Jim Vander Weide
4.2: Daily Video 1	Work and Mechanical Energy	We will apply our knowledge of forces to understand what work is and how to calculate it.	Jim Vander Weide
4.2: Daily Video 2	Work and Mechanical Energy	We will learn about energy and its different forms.	Jim Vander Weide
4.2: Daily Video 3	Work and Mechanical Energy	We will learn how to calculate the quantities of the different forms of mechanical energy.	Jim Vander Weide
4.2: Daily Video 4	Work and Mechanical Energy	We will learn how to calculate the total mechanical energy of a system.	Jim Vander Weide
4.2: Daily Video 5	Work and Mechanical Energy	We will learn how the work done on a system can change the kinetic energy of that system.	Jim Vander Weide
4.2: Daily Video 6	Work and Mechanical Energy	We will learn how the work done on a system can change the total mechanical energy of that system.	Jim Vander Weide
4.3: Daily Video 1	Conservation of Energy, the Work-Energy Principle, and Power	We will show that the total mechanical energy of an Earth-object system is conserved for a falling object.	Oluwanifemi (Nifemi) Kolayemi
4.3: Daily Video 2	Conservation of Energy, the Work-Energy Principle, and Power	We will use representations and models to analyze situations involving conservation of mechanical energy.	Oluwanifemi (Nifemi) Kolayemi
4.3: Daily Video 3	Conservation of Energy, the Work-Energy Principle, and Power	We will use energy to make predictions about the motion of an object moving in a circular path.	Oluwanifemi (Nifemi) Kolayemi
4.3: Daily Video 4	Conservation of Energy, the Work-Energy Principle, and Power	We will design an experiment to determine the spring constant of a spring.	Oluwanifemi (Nifemi) Kolayemi
4.3: Daily Video 5	Conservation of Energy, the Work-Energy Principle, and Power	We will analyze an experiment to determine the spring constant of a spring.	Oluwanifemi (Nifemi) Kolayemi
4.3: Daily Video 6	Conservation of Energy, the Work-Energy Principle, and Power	We will discuss a problem involving the work-energy theorem.	Oluwanifemi (Nifemi) Kolayemi
4.3: Daily Video 7	Conservation of Energy, the Work-Energy Principle, and Power	We will determine the net work done by gravity on an object.	Oluwanifemi (Nifemi) Kolayemi
4.3: Daily Video 8	Conservation of Energy, the Work-Energy Principle, and Power	We will determine the net work done by gravity on an object (part 2).	Oluwanifemi (Nifemi) Kolayemi

Unit 5

Video Title	Topic	Video Focus	Instructor
5.1: Daily Video 1	Momentum and Impulse	We will learn the definition of momentum, how momentum is calculated, and what changes it.	Jim Vander Weide
5.1: Daily Video 2	Momentum and Impulse	We will learn how the momentum of an object can be changed.	Jim Vander Weide
5.1: Daily Video 3	Momentum and Impulse	We will learn how the change in momentum of an object can be calculated.	Jim Vander Weide
5.2: Daily Video 1	Representations of Changes in Momentum	We will learn how the momentum of a system consisting of more than one object can be calculated.	Jim Vander Weide
5.2: Daily Video 2	Representations of Changes in Momentum	We will learn how the momentum of a system consisting of more than one object can be changed.	Jim Vander Weide
5.2: Daily Video 3	Representations of Changes in Momentum	We will learn different ways to represent the momentum and change in momentum of an object or system.	Jim Vander Weide
5.3: Daily Video 1	Open and Closed Systems—Momentum	In this video, we will review the concepts of open and closed systems and how they apply to conserved quantities, specifically momentum.	Oather Strawderman
5.4: Daily Video 1	Conservation of Linear Momentum	We will investigate how Newton's third law and the concept of impulse lead to the law of conservation of momentum.	Oather Strawderman
5.4: Daily Video 2	Conservation of Linear Momentum	In this video, we will compare and contrast the different types of collisions and what is conserved in each type.	Oather Strawderman
5.4: Daily Video 3	Conservation of Linear Momentum	In this video, we will do several practice problems involving conservation of momentum and highlight common problem-solving errors.	Oather Strawderman
5.4: Daily Video 4	Conservation of Linear Momentum	In this video, we will show how to calculate the amount of kinetic energy lost during inelastic collisions.	Oather Strawderman
5.4: Daily Video 5	Conservation of Linear Momentum	In this video, we will complete an experimental design free-response question using the law of conservation of momentum.	Oather Strawderman
5.4: Daily Video 6	Conservation of Linear Momentum	In this video, we will investigate events in which one object is split into multiple objects and how conservation of momentum can be applied to determine the motion of the objects.	Oather Strawderman
5.4: Daily Video 7	Conservation of Linear Momentum	In this video, we will look at how conservation of momentum is applied in two-dimensional collisions and explosions.	Oather Strawderman

Unit 6

Video Title	Topic	Video Focus	Instructor
6.1: Daily Video 1	Period of Simple Harmonic Oscillators	In this video, we will investigate what simple harmonic motion is, what causes it, and some examples of it.	Oather Strawderman
6.1: Daily Video 2	Period of Simple Harmonic Oscillators	In this video, we will investigate the motion of simple harmonic oscillators and the points at which kinematic and dynamic quantities are at maximum and minimum.	Oather Strawderman
6.1: Daily Video 3	Period of Simple Harmonic Oscillators	In this video, we will determine the factors that affect the period of simple harmonic oscillators and work though some practice problems.	Oather Strawderman
6.1: Daily Video 4	Period of Simple Harmonic Oscillators	In this video, we will perform an experiment using an online simulation of a pendulum to determine the gravitational field strength on Jupiter.	Oather Strawderman
6.2: Daily Video 1	Energy of a Simple Harmonic Oscillator	In this video, we will analyze the energy changes as objects move in simple harmonic motion.	Jennifer Kaelin
6.2: Daily Video 2	Energy of a Simple Harmonic Oscillator	In this video, we will use energy bar charts to model simple harmonic motion.	Jennifer Kaelin
6.2: Daily Video 3	Energy of a Simple Harmonic Oscillator	In this video, we will analyze various graphs that represent simple harmonic motion.	Jennifer Kaelin
6.2: Daily Video 4	Energy of a Simple Harmonic Oscillator	In this video, we will make predictions about which properties of an object undergoing simple harmonic motion will change when the system is changed, as well as how those properties change.	Jennifer Kaelin

Unit 7

Video Title	Topic	Video Focus	Instructor
7.1: Daily Video 1	Rotational Kinematics	In this video, we will compare basic properties of rotational motion to those of linear motion.	Jennifer Kaelin
7.1: Daily Video 2	Rotational Kinematics	In this video, we will use rotational kinematics equations to analyze objects in rotational motion.	Jennifer Kaelin
7.1: Daily Video 3	Rotational Kinematics	In this video, we will apply concepts of rotational motion to objects undergoing circular motion.	Jennifer Kaelin
7.2: Daily Video 1	Torque and Angular Acceleration	In this video, we will quantitatively and qualitatively compare the torques applied to an object.	Jennifer Kaelin
7.2: Daily Video 2	Torque and Angular Acceleration	In this video, we will determine what properties affect the rotational inertia of rotating objects.	Jennifer Kaelin
7.2: Daily Video 3	Torque and Angular Acceleration	In this video, we will compare Newton's laws of motion in terms of force to rotational motion in terms of torque.	Jennifer Kaelin
7.2: Daily Video 4	Torque and Angular Acceleration	In this video, we will determine the rotational inertia of a rotating object in a lab setting.	Jennifer Kaelin
7.2: Daily Video 5	Torque and Angular Acceleration	In this video, we will apply Newton's second law to rotation in various systems.	Jennifer Kaelin
7.2: Daily Video 6	Torque and Angular Acceleration	In this video, we will revisit conservation of energy by comparing objects that are rotating to objects that are sliding.	Jennifer Kaelin
7.3: Daily Video 1	Angular Momentum and Torque	In this video, we will define angular momentum and compare it to linear momentum.	Douglas (Doug) Hutton
7.3: Daily Video 2	Angular Momentum and Torque	In this video, we will revisit torque, discuss the application of torque to a rotating body, and discuss how net torque on a system results in a change in angular momentum.	Douglas (Doug) Hutton
7.3: Daily Video 3	Angular Momentum and Torque	In this video, we will look at a situation where a net torque is applied to a system and the angular momentum changes.	Douglas (Doug) Hutton
7.4: Daily Video 1	Conservation of Angular Momentum	In this video, we will introduce conservation of angular momentum in a system experiencing no net external torque.	Douglas (Doug) Hutton
7.4: Daily Video 2	Conservation of Angular Momentum	In this video, we will look at a situation where the mass distribution of a system changes, while angular momentum is conserved.	Douglas (Doug) Hutton
7.4: Daily Video 3	Conservation of Angular Momentum	In this video, we will apply conservation of angular momentum to objects moving in a straight line.	Douglas (Doug) Hutton
7.4: Daily Video 4	Conservation of Angular Momentum	In this video, we will practice by looking at a situation where the angular momentum is conserved when there is no outside torque and where angular momentum changes when there is an outside torque.	Douglas (Doug) Hutton

Unit 8

Video Title	Topic	Video Focus	Instructor
8.1: Daily Video 1 (Skill 6.4)	Conservation of Charge	In this video, we will discuss the origin of charge.	Douglas (Doug) Hutton
8.1: Daily Video 2 (Skill 6.4)	Conservation of Charge	In this video, we will investigate different methods of charging an object and observe that neutral objects are attracted to charged objects.	Douglas (Doug) Hutton
8.1: Daily Video 3 (Skill 7.2)	Conservation of Charge	In this video, we will investigate the conservation of charge.	Douglas (Doug) Hutton
8.2: Daily Video 1 (Skill 6.2)	Electric Charge	In this video, we will investigate the behavior of objects that are charged.	Douglas (Doug) Hutton
8.2: Daily Video 2 (Skill 1.5)	Electric Charge	In this video, we will learn how charge can move through a conductor.	Douglas (Doug) Hutton
8.3: Daily Video 1 (Skill 6.4)	Electric Force	In this video, we will determine the relationship between the electric force between two objects and the distance between those objects.	Kristin Gonzales-Vega
8.3: Daily Video 2 (Skill 7.2)	Electric Force	In this video, we will define electric force and how to calculate it.	Kristin Gonzales-Vega
8.3: Daily Video 3 (Skill 4.4)	Electric Force	In this video, we will use data to experimentally determine the charge on an object.	Kristin Gonzales-Vega
8.3: Daily Video 4 (Skill 7.2)	Electric Force	In this video, we will practice a qualitative/quantitative FRQ involving electric force.	Kristin Gonzales-Vega

Unit 9

Video Title	Topic	Video Focus	Instructor
9.1: Daily Video 1	Definition of a Circuit	A circuit is a continuous path made of conductors through which charges can flow.	Joe Mancino
9.1: Daily Video 2	Definition of a Circuit	Current is the measure of the rate at which charges move through a particular point in a circuit.	Joe Mancino
9.1: Daily Video 3	Definition of a Circuit	Using a set of standard symbols makes it easy to understand circuit diagrams.	Joe Mancino
9.1: Daily Video 4	Definition of a Circuit	Physics uses precise language to avoid the ambiguity of conversational English. The words we use matter.	Joe Mancino
9.2: Daily Video 1	Resistivity	The length, cross-sectional area, and composition of a resistor affect its resistance.	Joe Mancino
9.2: Daily Video 2	Resistivity	The resistivity of an unknown material can be calculated from its length, resistance, and cross-sectional area.	Joe Mancino
9.3: Daily Video 1	Ohm's Law, Kirchhoff's Loop Rule (Resistors in Series and Parallel)	Observing how changes in resistance and potential difference affect current helps us determine Ohm's law.	Joe Mancino
9.3: Daily Video 2	Ohm's Law, Kirchhoff's Loop Rule (Resistors in Series and Parallel)	Ohm's law explains how an object's resistance and the difference in electric potential across the object affect the rate at which charge flows through the object.	Joe Mancino
9.3: Daily Video 3	Ohm's Law, Kirchhoff's Loop Rule (Resistors in Series and Parallel)	Depending on how resistors are combined, their equivalent resistance may increase or decrease.	Joe Mancino
9.3: Daily Video 4	Ohm's Law, Kirchhoff's Loop Rule (Resistors in Series and Parallel)	Two useful equations help us calculate the equivalent resistance of combinations of resistors.	Joe Mancino
9.3: Daily Video 5	Ohm's Law, Kirchhoff's Loop Rule (Resistors in Series and Parallel)	In this video, we will design an experiment to confirm if energy is conserved in a circuit.	Kristin Gonzales-Vega
9.3: Daily Video 6	Ohm's Law, Kirchhoff's Loop Rule (Resistors in Series and Parallel)	In this video, we will define power in a circuit, discuss different ways to calculate it, and apply it to circuits in series and parallel.	Kristin Gonzales-Vega
9.3: Daily Video 7	Ohm's Law, Kirchhoff's Loop Rule (Resistors in Series and Parallel)	In this video, we will make and confirm predictions about how combining resistors in different ways will affect power.	Kristin Gonzales-Vega
9.3: Daily Video 8	Ohm's Law, Kirchhoff's Loop Rule (Resistors in Series and Parallel)	In this video, we will learn how to construct and interpret graphs of energy changes in an electrical circuit.	Kristin Gonzales-Vega
9.4: Daily Video 1	Kirchhoff's Junction Rule, Ohm's Law (Resistors in Series and Parallel)	In this video, we will define the junction rule to describe what happens to the current in a circuit.	Kristin Gonzales-Vega
9.4: Daily Video 2	Kirchhoff's Junction Rule, Ohm's Law (Resistors in Series and Parallel)	In this video, we will design an experiment to test conservation of charge in a circuit.	Kristin Gonzales-Vega
9.4: Daily Video 3	Kirchhoff's Junction Rule, Ohm's Law (Resistors in Series and Parallel)	In this video, we will make predictions about how changing the configuration of a circuit will change the current in the circuit.	Kristin Gonzales-Vega

Video Title	Topic	Video Focus	Instructor
9.4: Daily Video 4	Kirchhoff's Junction Rule, Ohm's Law (Resistors in Series and Parallel)	In this video, we will use changes in bulb brightness to draw the circuit schematic for a mystery circuit.	Kristin Gonzales-Vega
9.4: Daily Video 5	Kirchhoff's Junction Rule, Ohm's Law (Resistors in Series and Parallel)	In this video, we will review the circuit FRQ from the 2019 exam.	Kristin Gonzales-Vega

Unit 10

Video Title	Topic	Video Focus	Instructor
10.1: Daily Video 1	Properties of Waves	This video explores how transverse and longitudinal waves transfer energy without transferring matter. Forces exerted between parts of the medium are responsible for the motion of a wave.	Joe Mancino
10.1: Daily Video 2	Properties of Waves	This video explores how the transmission speed of a wave depends on properties of the medium—not properties of the wave.	Joe Mancino
10.1: Daily Video 3	Properties of Waves	This video explores how sound waves vibrate particles in the air, as well as the behavior of reflected pulses that encountered a barrier.	Joe Mancino
10.2: Daily Video 1	Periodic Waves	This video explores how the speed of a wave in a spring or string is affected by the tension and linear density of the medium.	Joe Mancino
10.2: Daily Video 2	Periodic Waves	This video explores how the frequency of a standing wave in a spring or string depends on the tension. Frequency, velocity, and wavelength are related by a simple equation.	Joe Mancino
10.2: Daily Video 3	Periodic Waves	In this video, we will investigate how the observed frequency of a wave depends on the relative motion of the source and observer.	Josh Beck
10.3: Daily Video 1	Interference and Superposition (Waves in Tubes and on Strings)	In this video, we will investigate how two wave pulses interact while sharing the same medium.	Josh Beck
10.3: Daily Video 2	Interference and Superposition (Waves in Tubes and on Strings)	In this video, we will investigate how two traveling periodic waves interact while sharing the same medium.	Josh Beck
10.3: Daily Video 3	Interference and Superposition (Waves in Tubes and on Strings)	In this video, we will investigate how reflection of waves can create a standing wave pattern or resonance with nodes and antinodes.	Josh Beck
10.3: Daily Video 4	Interference and Superposition (Waves in Tubes and on Strings)	In this video, we will investigate how different frequencies can create standing waves on a fixed length of string.	Josh Beck
10.3: Daily Video 5	Interference and Superposition (Waves in Tubes and on Strings)	In this video, we will perform an experiment using sound waves resonating in tubes of different lengths to determine the speed of sound.	Josh Beck
10.3: Daily Video 6	Interference and Superposition (Waves in Tubes and on Strings)	In this video we will determine how waves of slightly different frequencies produce beats.	Josh Beck

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