

Physics 2

Curriculum Bundle

- ✓ Complete Physics 2 Curriculum
- ✓ Google & Distance Learning Ready
- ✓ Engaging, Inquiry-Based Lessons
- ✓ Comprehensive Coverage



No Prep - Ready to Go!

Complete Physics 2 Curriculum

- 32 Lessons
- Office and Google versions of each resource
- 4-5 Months of Curriculum
- Lessons, Activities, Quizzes, and Tests I use to teach my students
- Day-by-day walkthrough for all 5 units

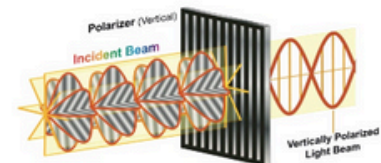
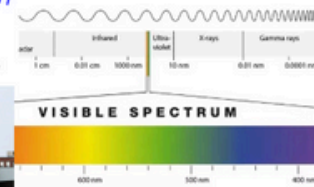
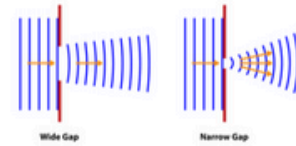
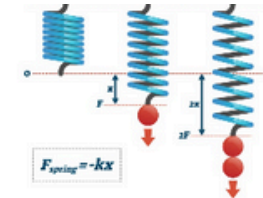
1. Forces and Motion

2. Energy and Momentum

3. Light and Waves

4. Gravitational and Electric Fields

5. Modern Physics



Complete Lessons

Make sure your students are on track

Student copies with blanks

Videos embedded right into your presentations

Fully-worked questions from the lessons

Domains

- The domains are composed of billions of atoms which are all facing the same direction
- Only certain atoms have domains which can be magnetized due to their electron configuration

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Student and Teacher versions of the presentations

Objects in Circular Orbit

- Objects in space orbit larger masses due to the force of gravity between them.
- Then why isn't an object that is orbiting another in space (i.e., a TV satellite in outer space) simply get pulled down to the surface?

Videos embedded directly into the slides. One-click access.

Check Your Understanding

Two charges, one of $3.2 \times 10^{-12} \text{ C}$, the other of $4.8 \times 10^{-12} \text{ C}$, are 40 cm apart. Calculate the net electric field at a point P (assume p to be 15 cm from the positive charge, on the line connecting the charges).

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Answer: $3.2 \times 10^4 \text{ N/C}$ (up)

Opportunities for students to check their understanding with answer key

Interactive and Engaging Activities

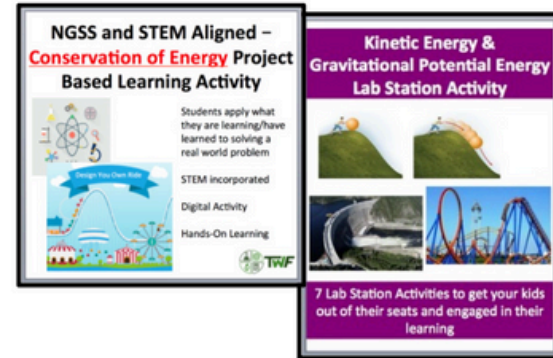
Lab Station Activities

Digital Scavenger Hunts

Reading Comprehensions

Unit Projects

Task Card Activities



Day-By-Day Teaching Pacing Guide

My daily lessons for each unit are set out for you.

Each lesson, activity, and assessment item is clearly outlined.



Day 1:

- Lesson 1 – Work and Force

Day 2:

- Work and Energy Lab Station Activity or Work and Energy Digital Scavenger Hunt
 - You could do both on sequential days or just one

Day 3:

- Lesson 2 – Kinetic and Gravitational Potential Energy

-  Electricity and Magnetism Unit Test.docx
-  Electric Fields and Magnetism Quiz L1-3.docx
-  Electric Fields and Magnetism Quiz L2-4.docx
-  Electric Fields and Magnetism Quiz L1-4.docx
-  Electric Fields and Magnetism Quiz L2-4 Quiz Key.PDF

Office and Google Versions

- The lessons inside this unit come in both PowerPoint and Google Slides format
- Each lesson also contains an Exit Ticket that you can use to check for student understanding
- Your resource is perfect for distance learning and integrates seamlessly with Google Classroom as I've included a link that will automatically create a copy of the resources and put them directly into your Google Drive with one click

