


Students will identify and describe

Directions:
Drag and drop the labels below to identify the types of energy shown in the illustration



Radiant (Light)

Chemical

Gravitational

Sound

Radiant (Light)

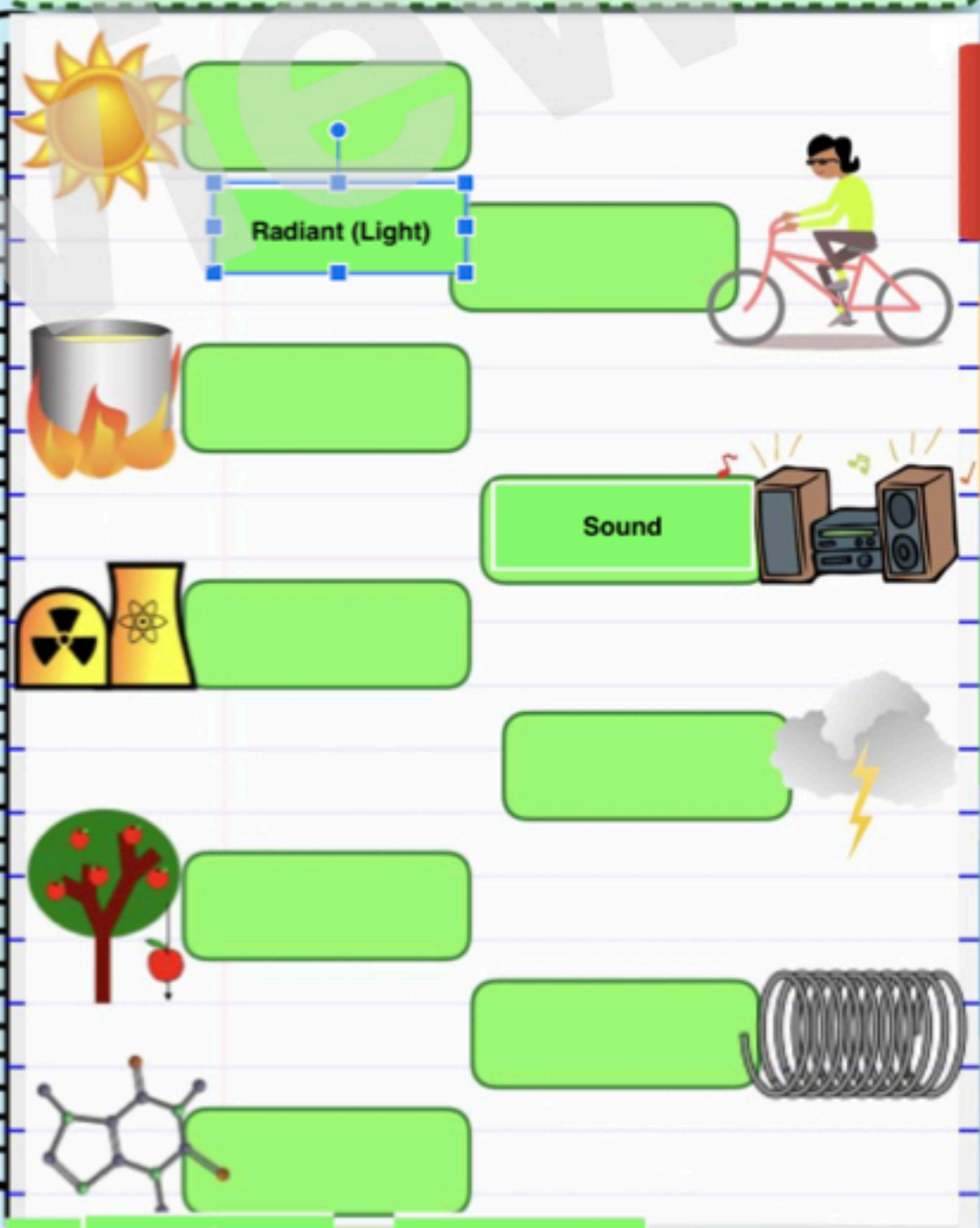
Mechanical

Elastic

Radiant (Light)

Nuclear

Directions:
- Drag the labels below to the picture that represents each type of energy



Radiant (Light)

Sound

Gravitational

Elastic


Mechanical

Nuclear

Thermal

Students will analyze and explain

Directions:
Look at the diagram and then answer the question below



Overview
Types of Kinetic Energy

Explain which energies work together to bake and cook the eggs.
Add text

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Directions:
Place the types of energy under potential, kinetic, or both
Give a brief explanation for why you placed them where you did

Potential Energy	Both	Kinetic Energy

Illustrations
Definitions
Organization
Wrap Up

Add text

Elastic
Chemical
Gravitational
Radiant (Light)
Thermal
Nuclear
Sound

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Teacher directions and answer key provided

Directions:

- Write the definitions and examples of each type of energy

Mechanical	The definition of mechanical energy is power that an object gets from its position and motion. An example would be moving on a skateboard.
Electrical	An energy that flows from an electric charge. An example of electrical energy is power from a plug outlet.
Thermal	Is the internal energy of an object due to the kinetic energy of its atoms and/or molecules. Energy from a hot stove is transferred to a metal pot and causes the water molecules to move faster increasing the temperature of the water.
Radiant (Light)	Energy that travels by waves or particles, particularly electromagnetic radiation. An example would be the energy used to make x-rays.
Sound	A form of energy associated with the vibration of matter. An example would be the energy produced by the sound waves of radio speakers.
Chemical	Energy stored in the bonds of chemical compounds. An example would be the energy used to hold hydrogen and oxygen together creating a water molecule.
Nuclear	Energy released during nuclear fission or fusion. An example would be the energy released with the splitting of atoms in a nuclear power plant.
Gravitational	The potential energy held by an object because of its high position compared to a lower position. An example would be an apple at the top of the tree would have more gravitational energy than an apple at the bottom of a tree.
Elastic	Potential energy that is stored when a body is deformed (as in a coiled spring). An example would be stretching out a slinky.

Illustrations

Definitions

Organization

Wrap Up

Teachers: click on the titles in the red box to download the digital notebook to their google drive

Teachers Guide

What You Will Need To Get Started:

1. Download link for the Google Resource

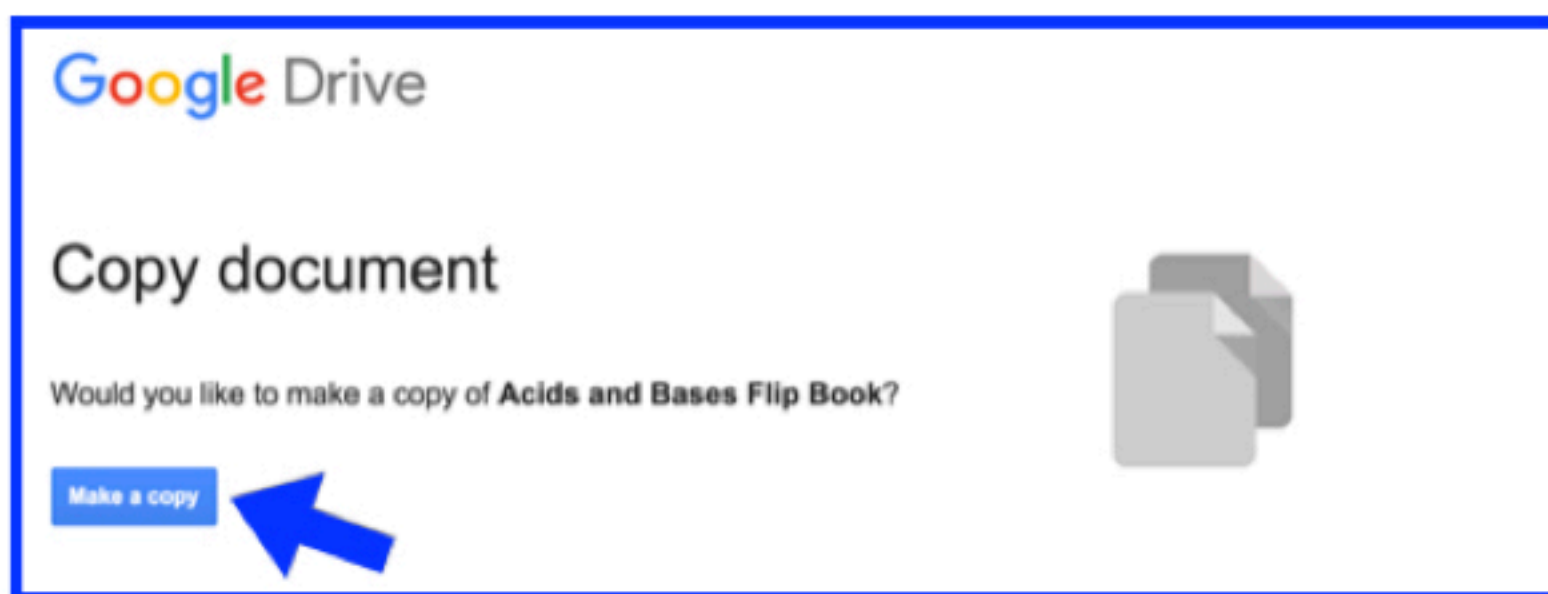
Cell Cycle Digital Interactive Notebook Student

Cell Cycle Digital Interactive Notebook Teacher

2. Access to the Internet and a Google Account (Free)

3. Google accounts or Microsoft OneDrive accounts for your students to save their work

4. Open the file on your Google Drive. The link will prompt you to make a copy



5. This new copy is now yours to edit and share with your students

6. Printer access if you choose to print the finished product as an actual flip book

Teacher directions on how to share with students in google classroom, microsoft one drive, or any other LMS

How to use this resource with your student:

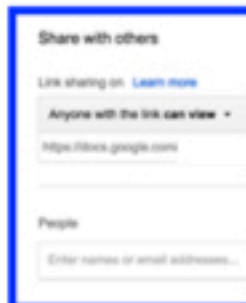
Google Directions:

1. After you have made your own copy of the resource from the link, you will want to make a copy for your student.

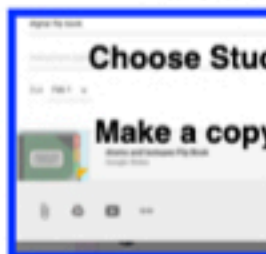
-Some options for this

- A. Give the students the link to your resource and make it "view only" this will allow students to make their own copies without affecting the original. To do this go to the blue SHARE button in the top right corner >get shareable link> choose people with a link can view > copy the link

- **Remember**, when sharing a link on an open class



- B. Use google resource to make a copy



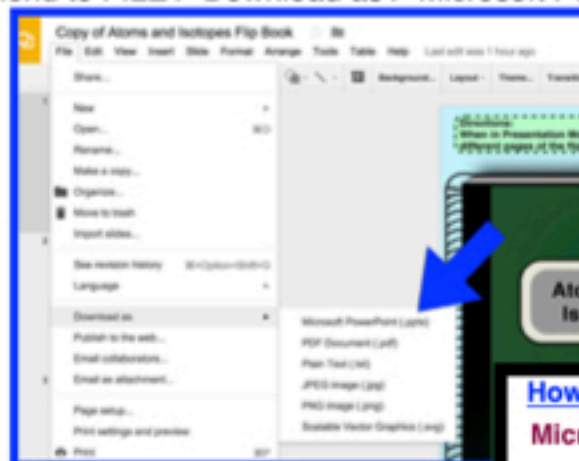
2. Students will be able to automatically saved.

3. Students may share

How to use this resource with your student:

Microsoft OneDrive Directions:

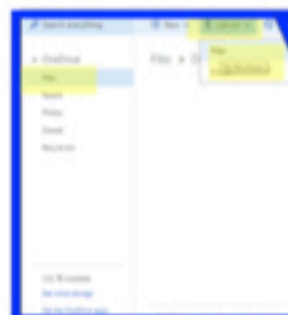
1. After you have made your own copy of the resource from the link, you will need to download your copy as a ppt to your desktop. To do this from the menu to FILE > Download as > Microsoft PowerPoint (.pptx)



2. Open your OneDrive. Create a folder for this step is recommended to keep you and your



3. From the menu, select Upload > Files from your computer or select the file and upload



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How to use this resource with your student:

Microsoft OneDrive Directions:

4. Make sure that you open the resource to make sure it is in good working order before sharing it with your students.

5. You will want to interact with the digital flip book in the "edit mode". This allows you to add their own text and move the pieces.

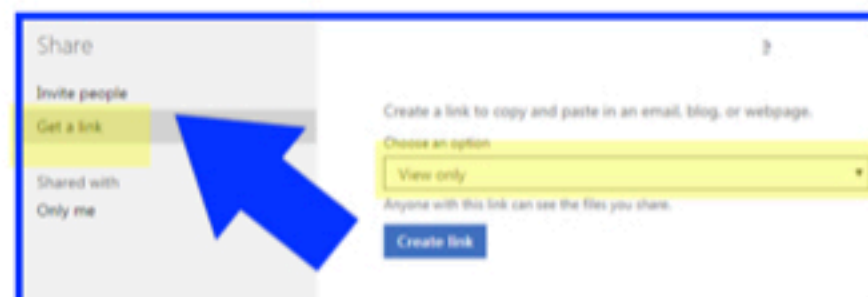
6. You will be prompted to choose to edit the file in PowerPoint or online. Select online. It will then open in a browser.

7. Follow your normal steps in sharing the file with your students. Go to Share > Share with people



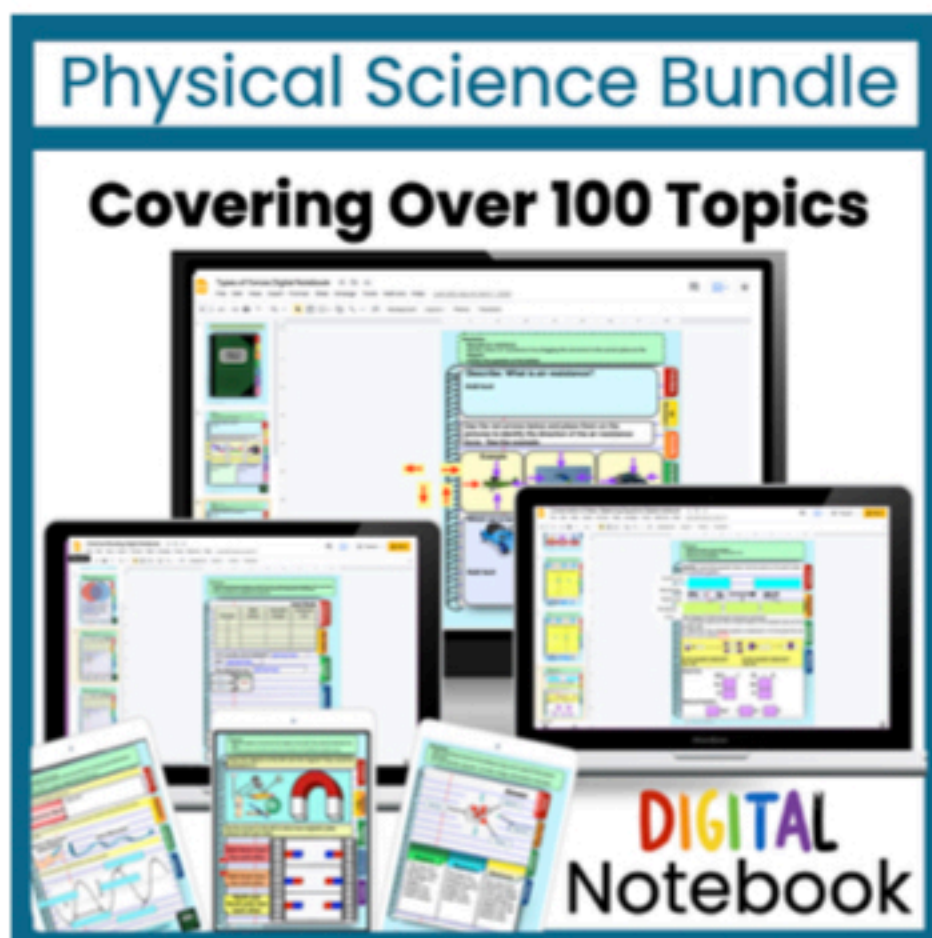
8. Choose the option to view only. Then require your students to make a copy in their own drive before editing the file. This ensures your students do not edit your file.

- **Remember**, when sharing your link with your students make sure it is a secure format that requires a log in password and not on a personal, school, or district that can be accessed by anyone

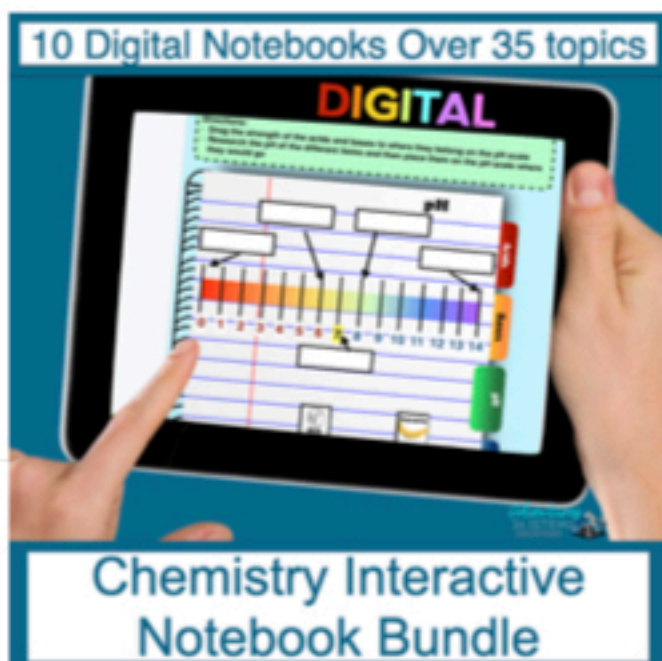




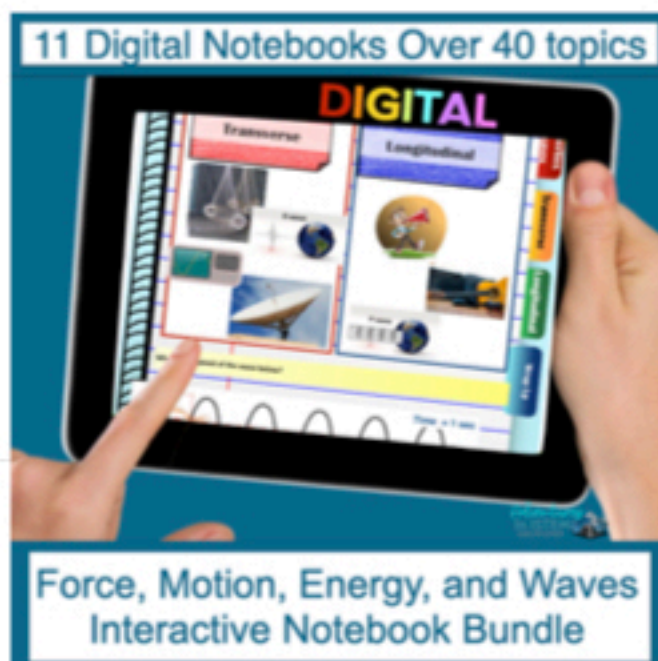
Save Money and Grab a Bundle



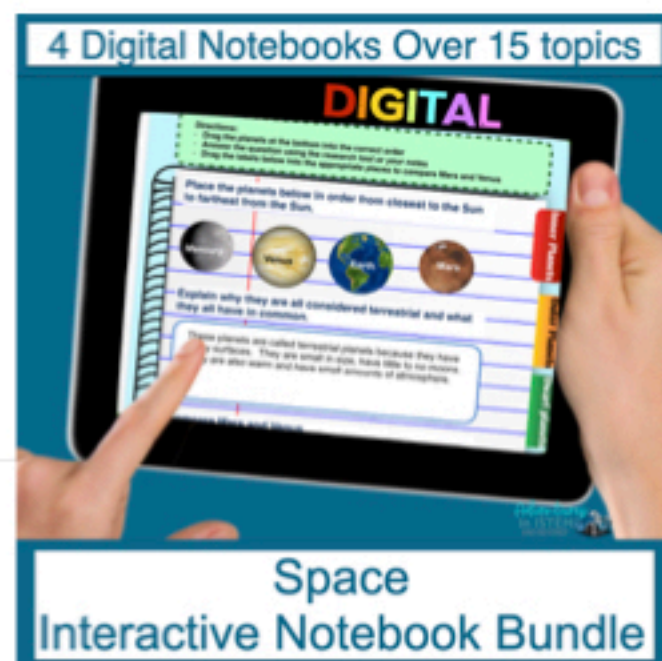
Years worth of digital notebooks covering over 100 physical science topics.



10 digital notebooks covering over 35 chemistry topics.



11 digital notebooks covering over 35 physics topics.



4 digital notebooks covering over 35 space topics.



Teaching STEM Through Inquiry

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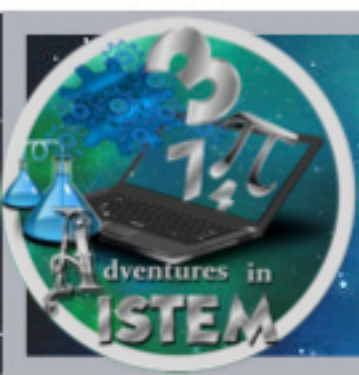
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Special Thanks

Pixabay

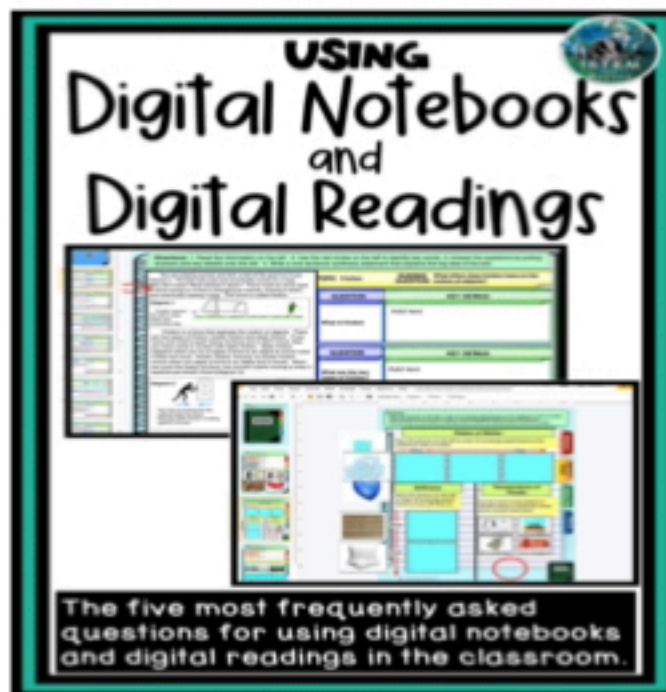




Digital Resources

Using Digital Products?

If you are new to using digital lessons than I recommend to check out my blog post that contains the most frequently asked questions. Click the picture for the link.



I would also recommend checking out my Google Slide videos that demonstrate how to drag and drop pieces, write in the text boxes, add objects, and more. These are short videos that can easily be shared with students and parents. Click the picture for the link

