





Students will identify and describe

Directions:

- Use the words on the left to identify the type of rock
- Explain how it is formed

	Type of Rock	How it is formed
	Granite	Add text
	Obsidian	Add text
	Gneiss	Add text
	Marble	Add text

Igneous

Metamorphic

Sedimentary

Conglomerate

Pumice

Schist

Sandstone

Shale

Intrusive

Foliated

Clastic

Chemical

Extrusive

Biologic/Organic

Non-foliated

Directions:

- Describe the characteristics of igneous rocks
- Drag the words on the side to correctly identify the two types of igneous rocks
- Identify how the two types of igneous rocks are identified and add a picture example of them

Description of igneous Rocks:

Add text

Drag the correct words on the side to identify the two igneous rocks and then describe how to identify them and add a picture representing them.

Igneous Rocks

Description and identification

Add text

Illustration (picture)

Description and identification

Add text

Illustration (picture)

Igneous Rocks

Sedimentary Rocks

Metamorphic Rocks

Rock Cycle

Wrap Up

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Students will analyze and explain

Directions:

- Describe the characteristics of metamorphic rocks
- Drag the words on the side to correctly identify the two types of metamorphic rocks
- Identify how the two types of metamorphic rocks are identified and add a picture example of them

Description of metamorphic Rocks:
Formed from pre-existing rocks being subjected to high heat, high pressure, or both changing the mineral composition

Drag the correct words on the side to identify the two types of metamorphic rocks and then describe how to identify them and add a picture that represents them.

Metamorphic Rocks

trusive

Clastic

Chemical

extrusive

ic/Organic

Foliated

Description and identification

They have a striped appearance and are formed from the squeezing the minerals together creating

illustration (picture)

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Directions:

- Use the words on the left and place them on the correct areas of the rock cycle
- Describe how the three types of rocks cycle between each other

Weathering

Transportation

Deposition

Pressure & Heat

Melting

Cooling & Crystallization

Uplift

Metamorphic

Sedimentary

Igneous (extrusive)

Igneous (intrusive)

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Description of the rock cycle
Add text

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Teacher directions and answer key provided



Directions:

- Describe the characteristics of sedimentary rocks
- Drag the words on the side to correctly identify the three types of sedimentary rocks
- Identify how the three types of sedimentary rocks are identified and add a picture example of them

Description of sedimentary Rocks:
Formed from existing rock being layered on top of each other

Drag the correct words on the side to identify the three types of sedimentary rocks and then describe how to identify them and add a picture representing them.

Sedimentary Rocks

	Clastic	Chemical	Biologic/Organic
Description and Identification	Pieces of rock that have been loosened by weathering and are transported to a river basin where they are cemented together with the silt	Sediment is carried by rivers and ends up in lakes or oceans where they layer on top of each other	Formed when large numbers of
Illustration (picture)			

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Directions:

- Describe the characteristics of metamorphic rocks
- Drag the words on the side to correctly identify the two types of metamorphic rocks
- Identify how the two types of metamorphic rocks are identified and add a picture example of them

Description of metamorphic Rocks:
Formed from pre-existing rocks being subjected to high heat, high pressure, or both changing the mineral composition

Drag the correct words on the side to identify the two types of metamorphic rocks and then describe how to identify them and add a picture that represents them.

Metamorphic Rocks

	Foliated	Non-foliated
Description and Identification	They have a striped appearance and are formed from the pressure squeezing the minerals together creating stripes	Formed when the minerals do not align when they are squeezed together under pressure so there are not stripes
Illustration (picture)		

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

Teachers Guide

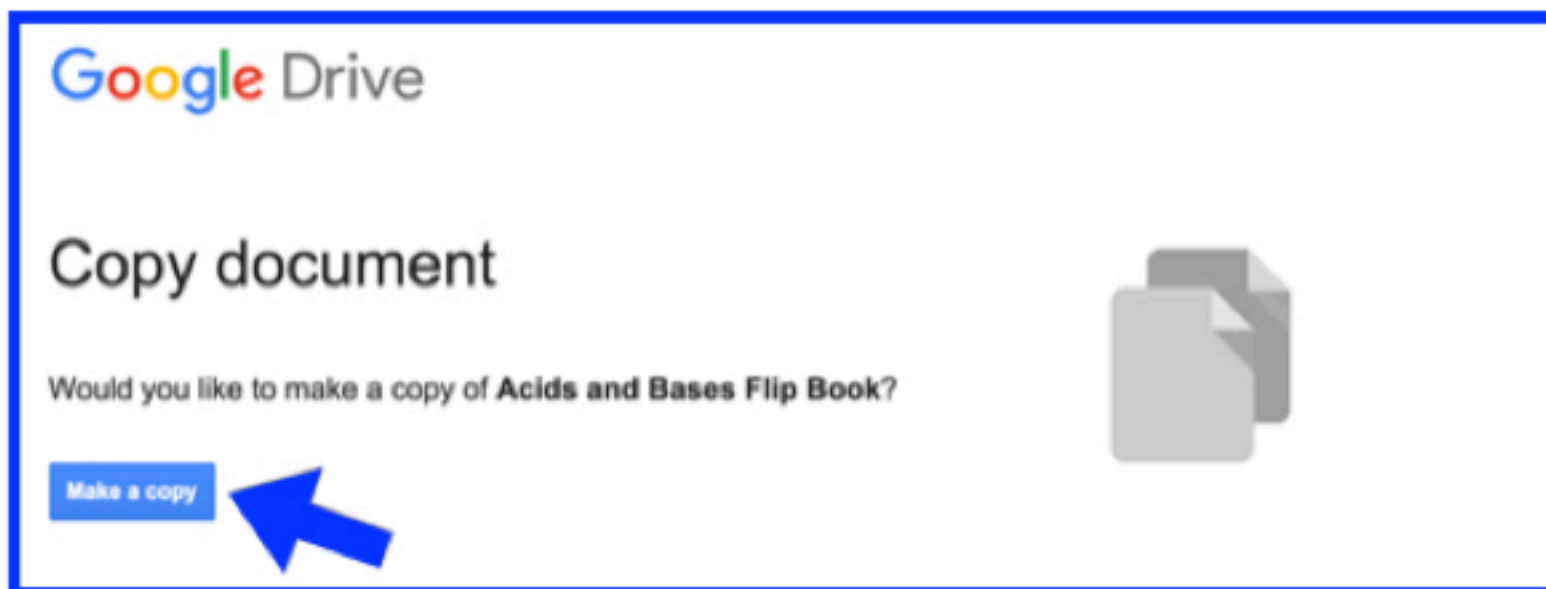
What You Will Need To Get Started:

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:

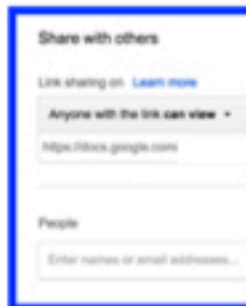
Google Directions:

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

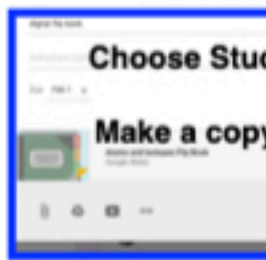
-Some options for this

- 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



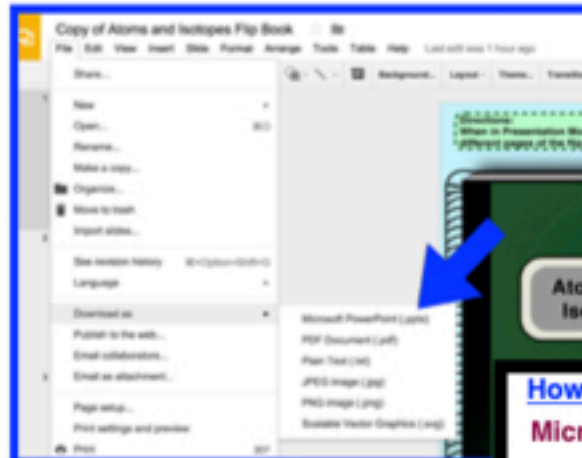
2. Students will be able to automatically save.

3. Students may share

How to use this resource with your student:

Microsoft OneDrive Directions:

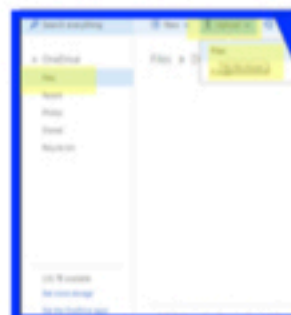
1. After you have made your own copy of the resource from the link, you will need to download your copy as a ppt to your desktop. To do this from the menu to FILE > Download as > Microsoft PowerPoint (.pptx)



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.

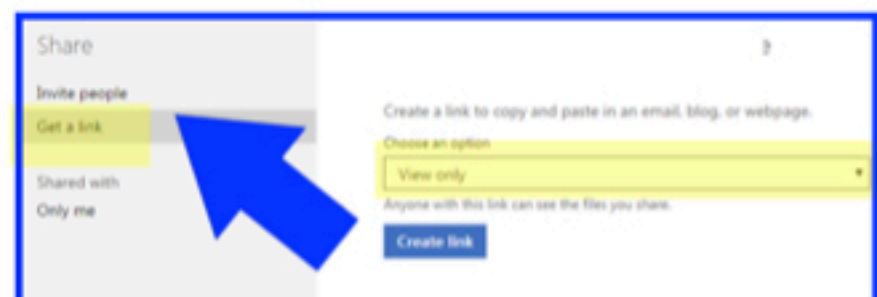
6. You will be prompted to choose to edit the file in PowerPoint or online. Select online. It will then open in a browser.

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



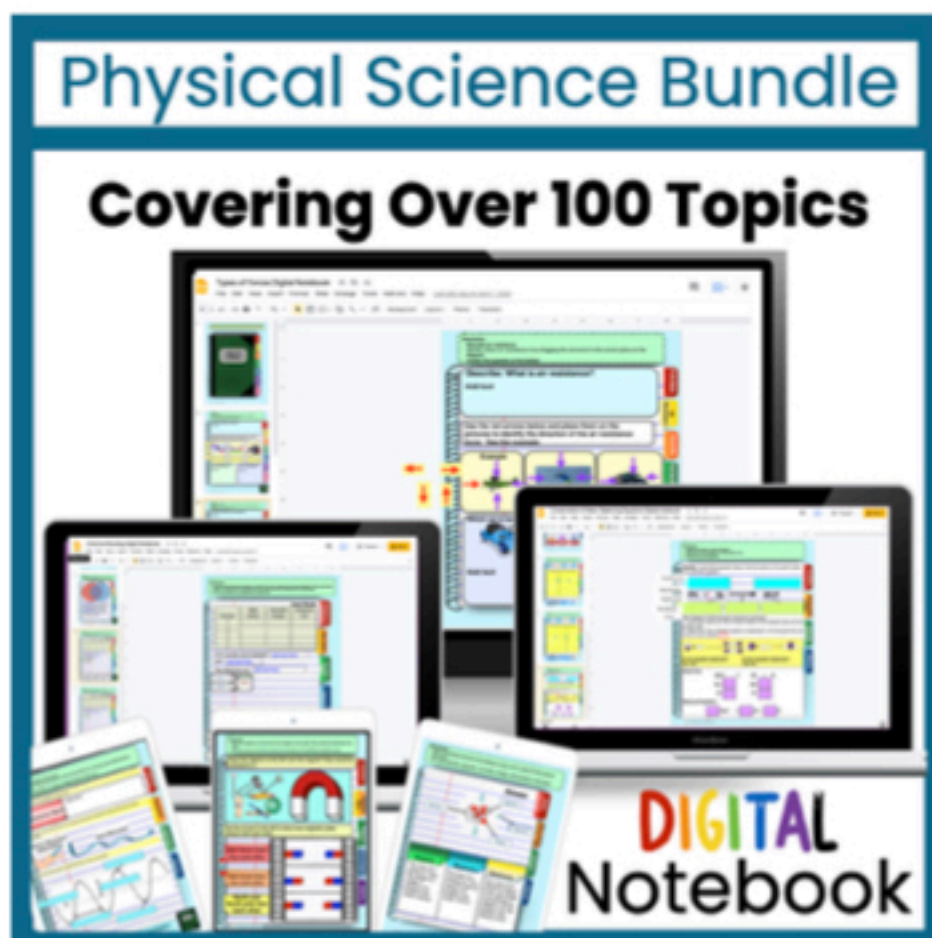
8. Choose the option to view only. Then require your students to make a copy in their own drive before editing the file. This ensures your students do not edit your file.

- **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

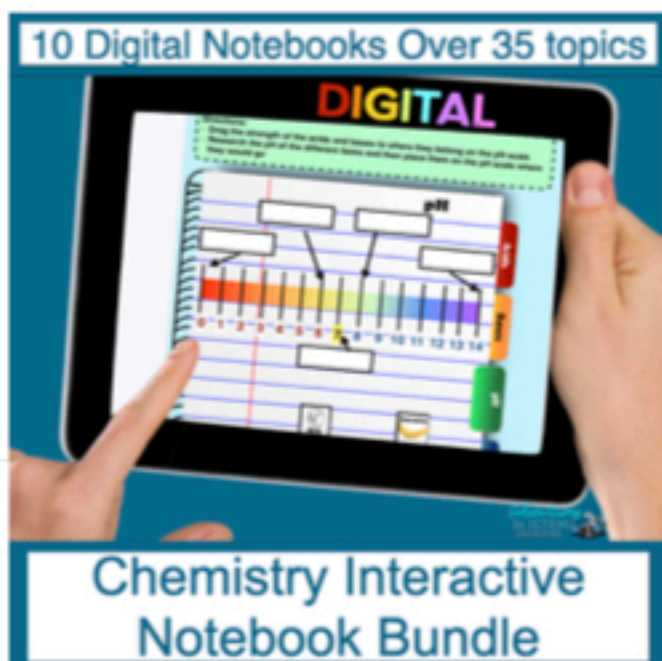




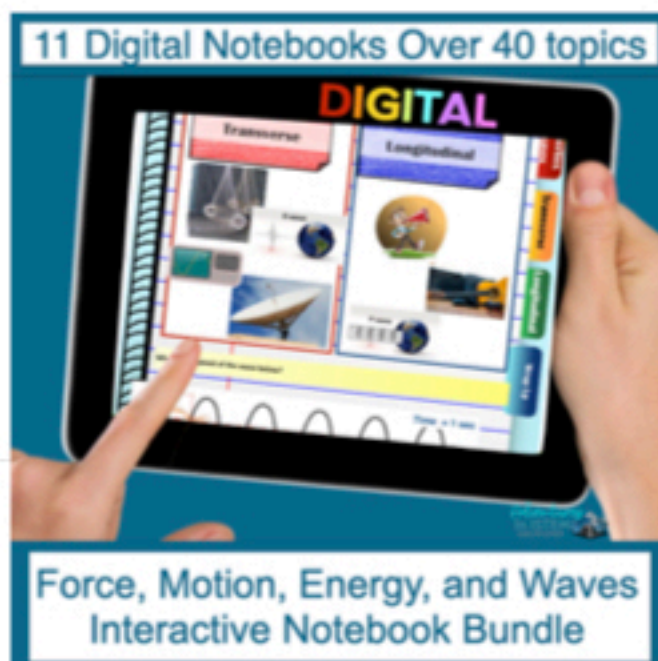
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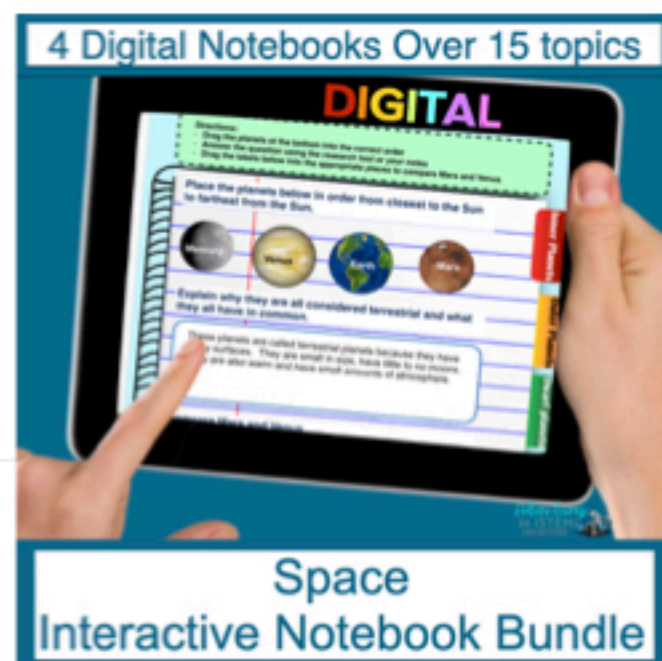
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10 digital notebooks covering over 35 chemistry topics.



11 digital notebooks covering over 35 physics topics.



4 digital notebooks covering over 35 space topics.



Teaching STEM Through Inquiry

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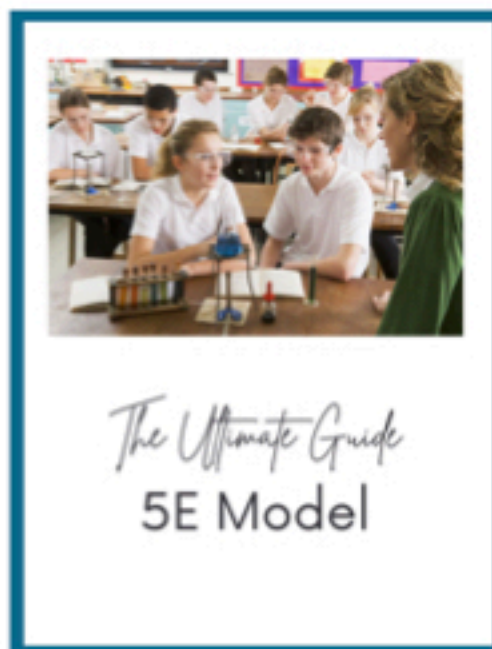
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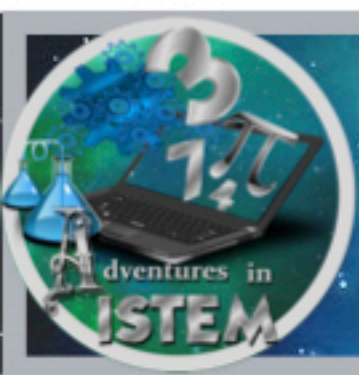
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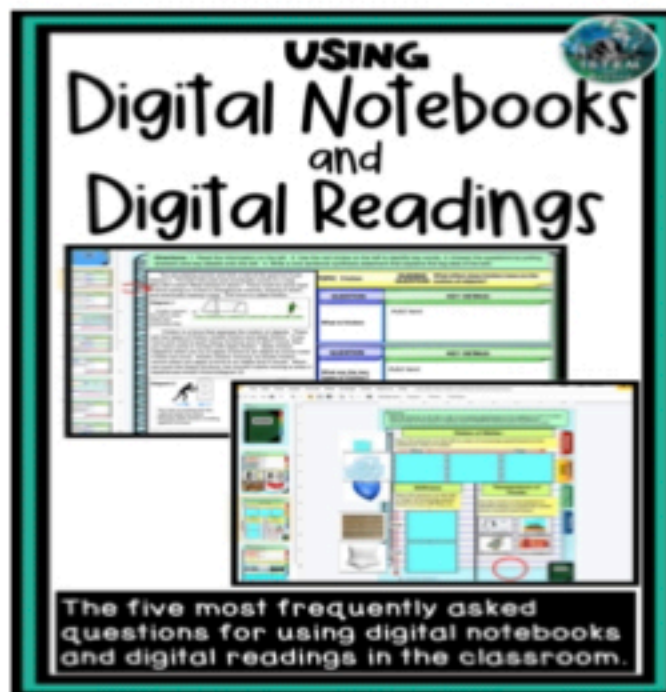




Digital Resources

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

