

Students write a CER to explain if a chemical reaction has occurred

Directions:

- Watch the video and explain if a chemical change happened.
- Write your answer as a CER.

Add text

Evidence of
Chemical Reaction

Physical vs.
Chemical Change

Exothermic
Endothermic

Wrap Up



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Students drag and drop

Directions:

- Place the labels in the Venn diagram—exothermic, endothermic, or both.
- Explain a similarity and a difference between exothermic and endothermic.

Graph 1
Temperature Change of the Surroundings

Temperature

h 2
of the Surroundings

Exothermic

Endothermic

Add text

Evidence of Chemical Reaction

Physical vs. Chemical Change

Exothermic

Endothermic

Wrap Up

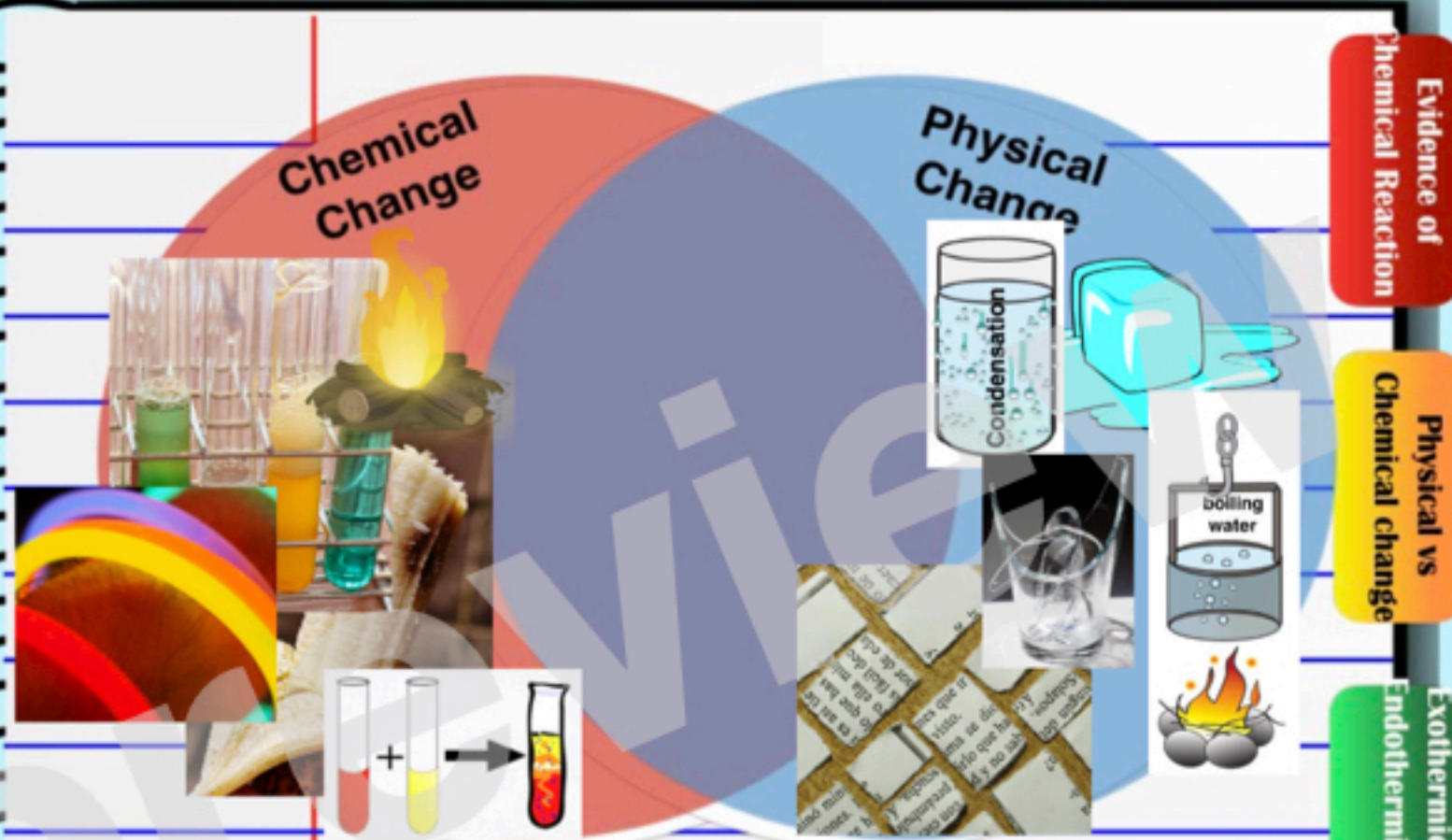
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Students compare and analyze

Directions:

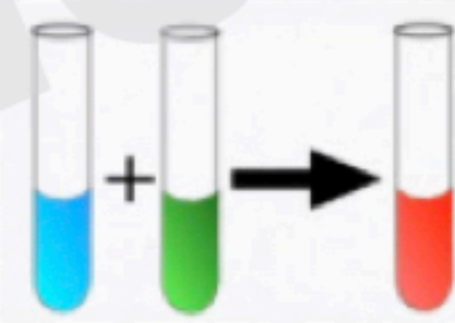
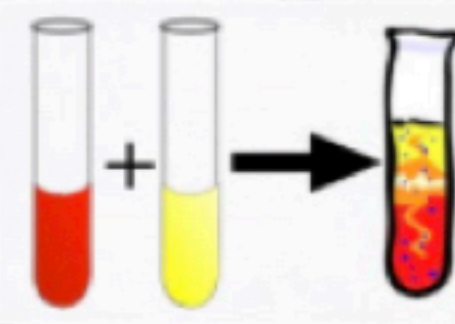
- place the labels under either physical or chemical change or both
- Explain a similarity and different between a physical and chemical change



Although physical and chemical can change what a substance looks like a chemical change creates a new substance with new properties while a physical change is still the same substance just modified.

Teacher directions and answer key provided

Directions:
-Identify the correct evidence of a chemical change shown in each picture

	Evidence of Chemical Reaction	Physical Change	Exothermic	Endothermic	Wrap Up
Odor Change					
Thermal Change					
Color Change					
Precipitate					
Gas Formation					

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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

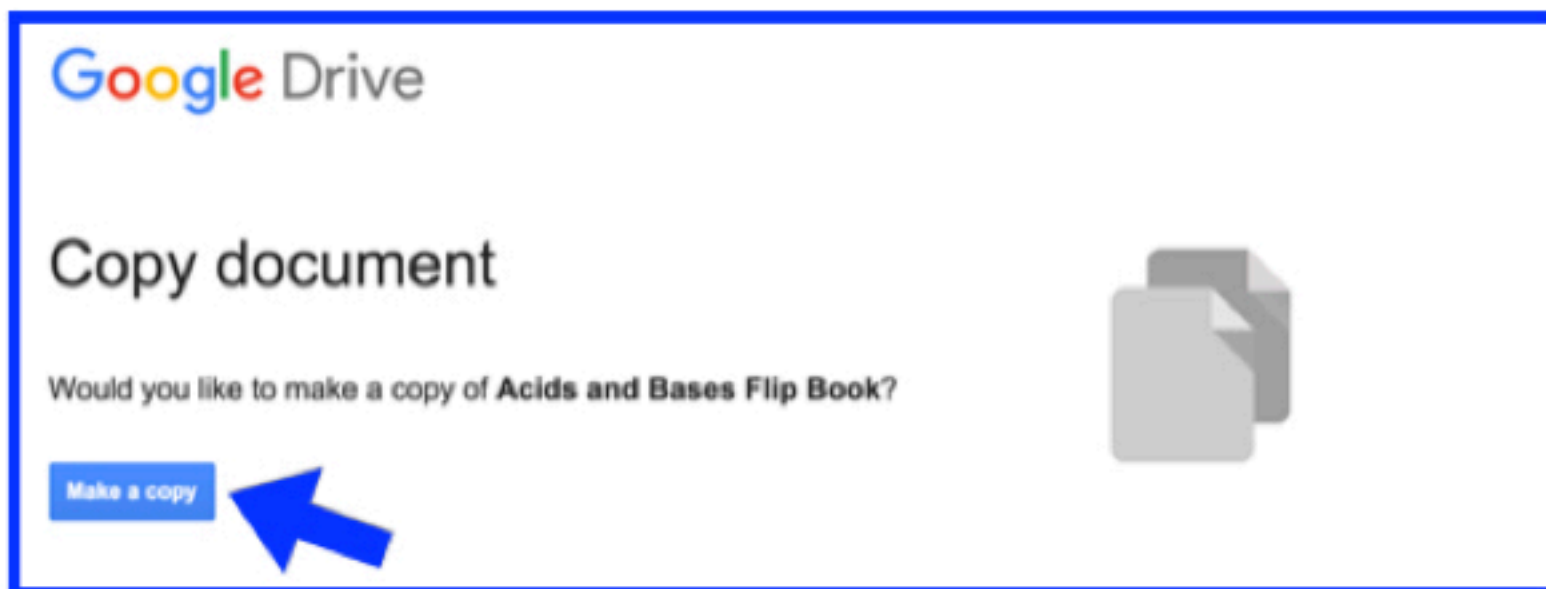
Cell Cycle Digital Interactive Notebook Student

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:

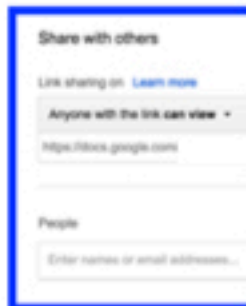
Google Directions:

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

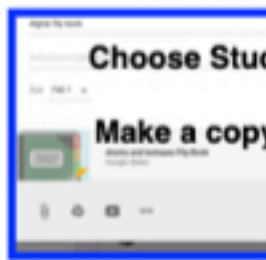
-Some options for this

- 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



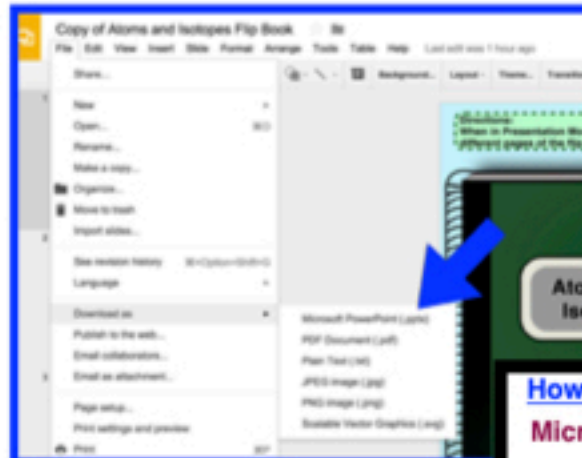
2. Students will be able to automatically save.

3. Students may share

How to use this resource with your student:

Microsoft OneDrive Directions:

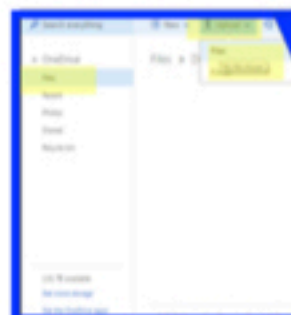
1. After you have made your own copy of the resource from the link, you will need to download your copy as a ppt to your desktop. To do this from the menu to FILE > Download as > Microsoft PowerPoint (.pptx)



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.

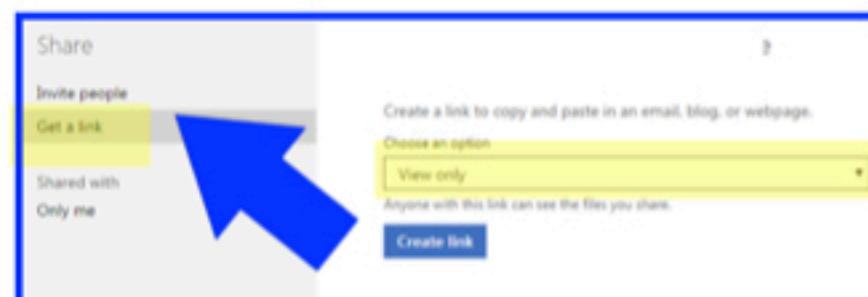
6. You will be prompted to choose to edit the file in PowerPoint or online. Select online. It will then open in a browser.

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



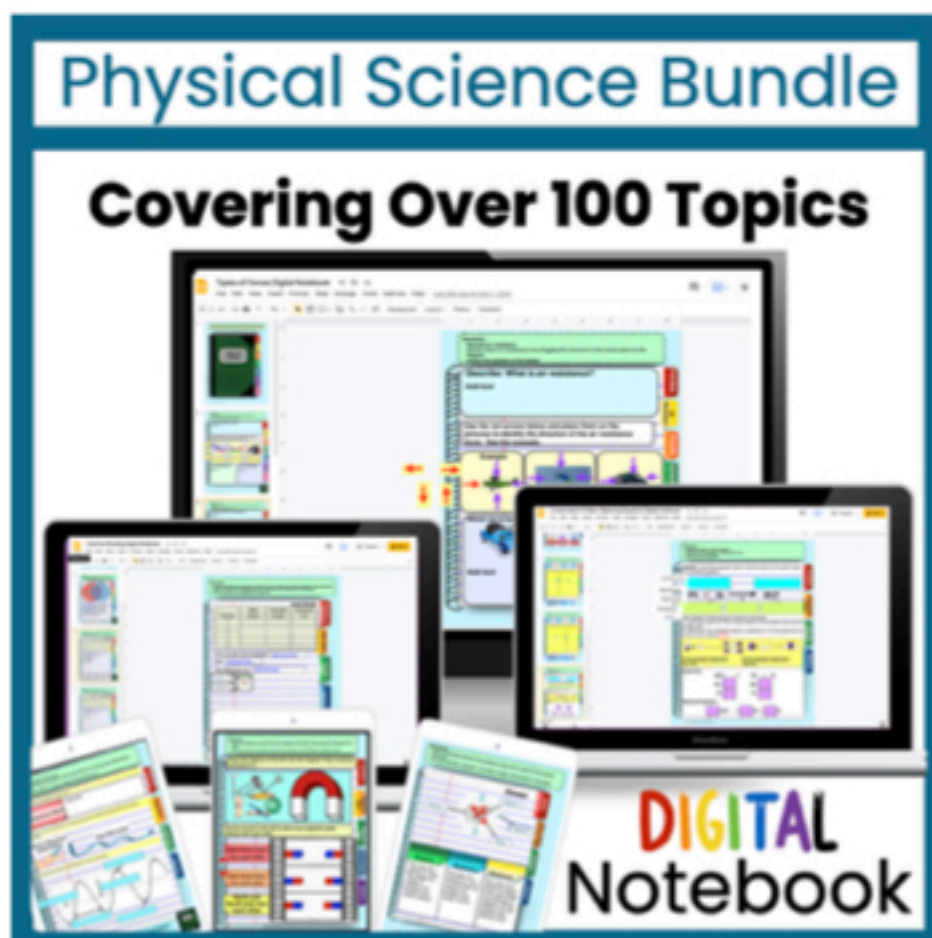
8. Choose the option to view only. Then require your students to make a copy in their own drive before editing the file. This ensures your students do not edit your file.

- **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

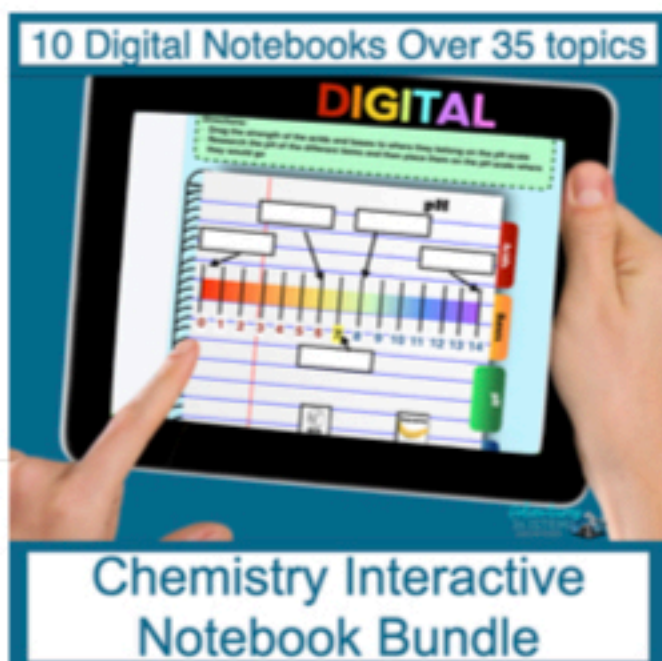




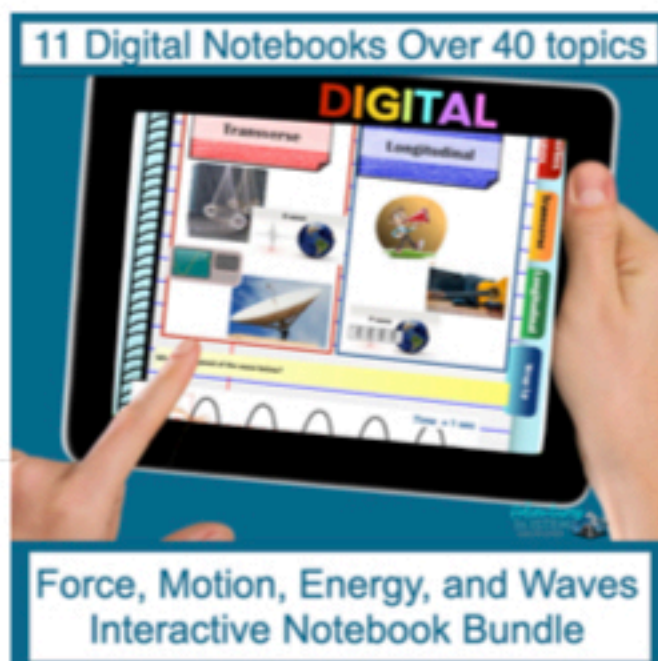
Save Money and Grab a Bundle



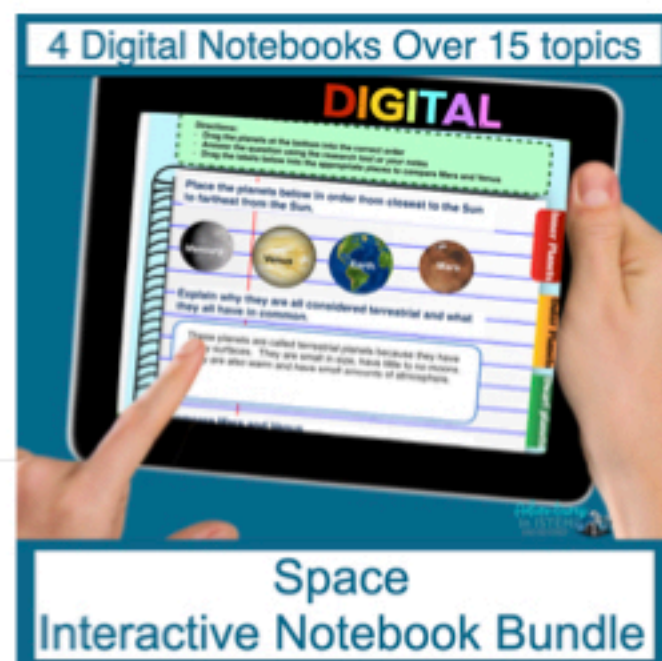
Years worth of digital notebooks covering over 100 physical science topics.



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

Thank You

Thank You for taking the time to visit my store and downloading one of my products. I hope you find this resource a useful tool for your classroom. I appreciate your support and look forward to your feedback.

Giving Back

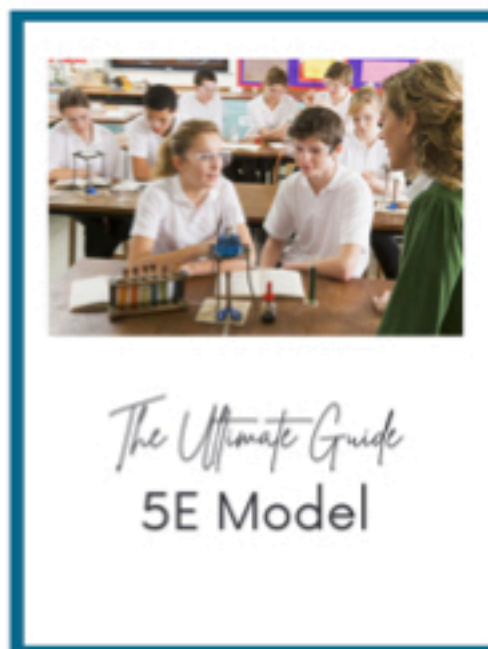
Cancer affects not only the person but everyone they know. A portion of the proceeds of this product are going to the organization LLS which helps to fund treatments and find a cure.

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I do my best to insure that this product is free from issues and mistakes. However, Sometimes links change and mistakes are missed by even the best editors, if you are experiencing any issues with this product please contact me first at kristi@adventuresinistem.com

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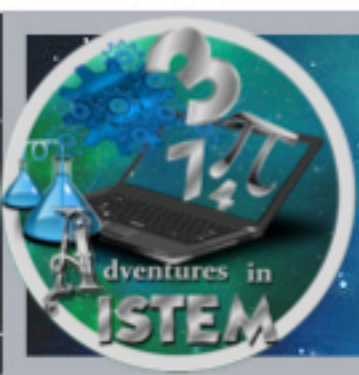
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Special Thanks

Pixabay

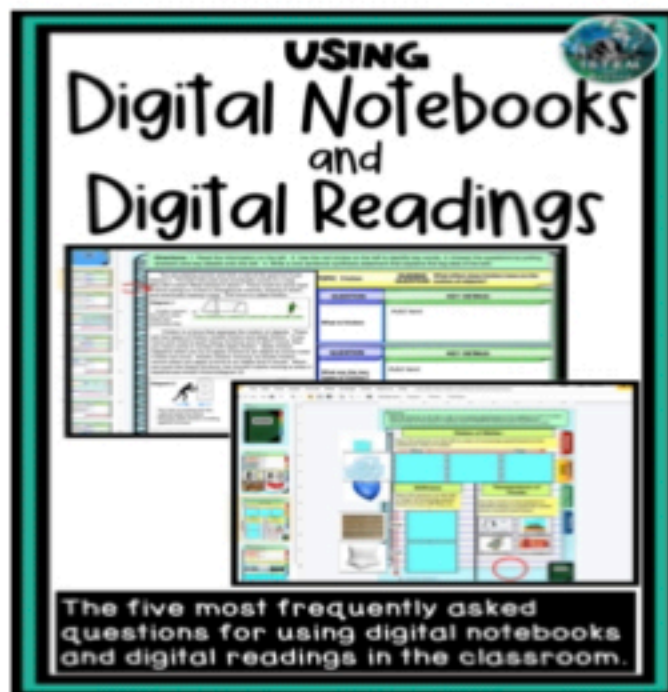




Digital Resources

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

