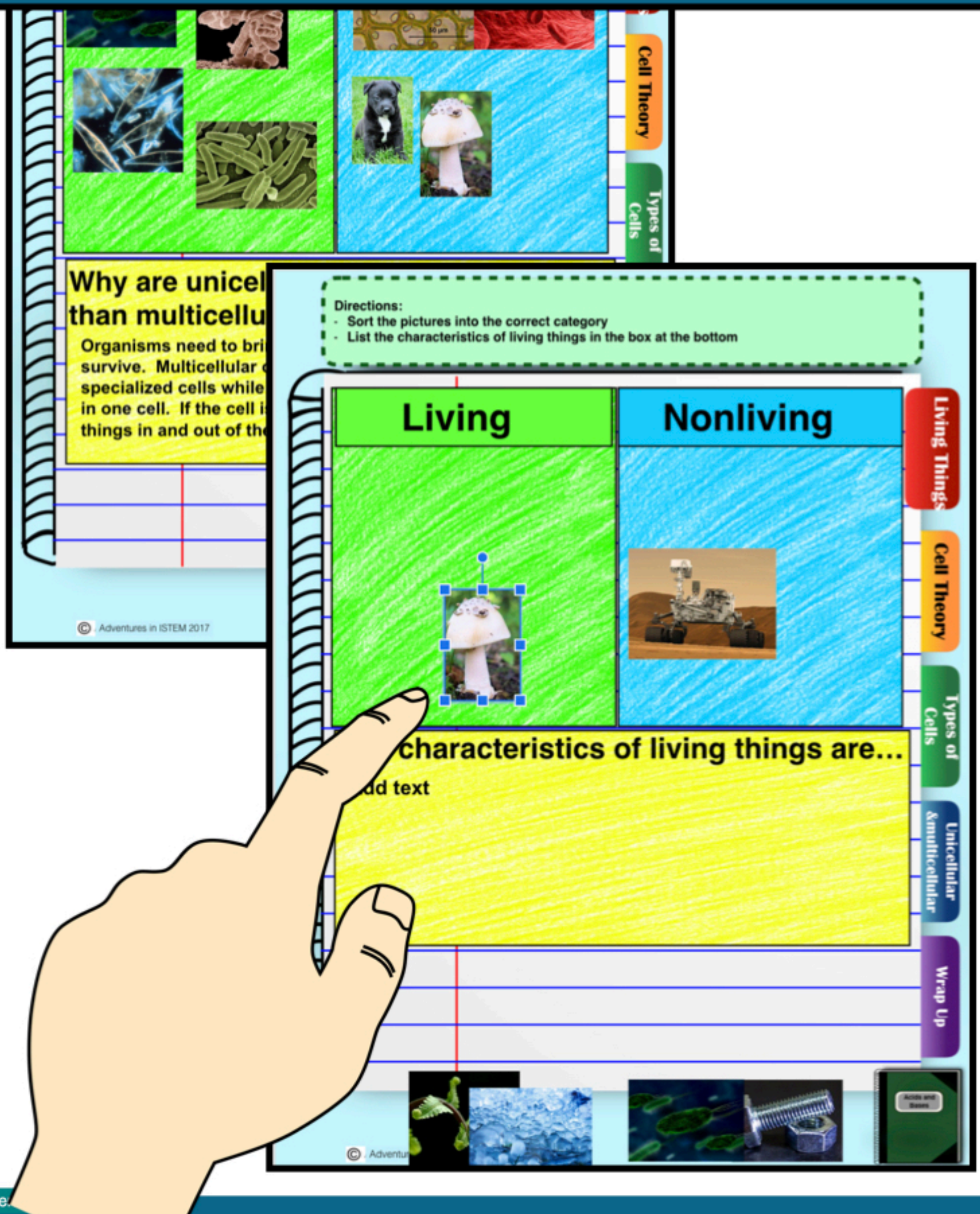
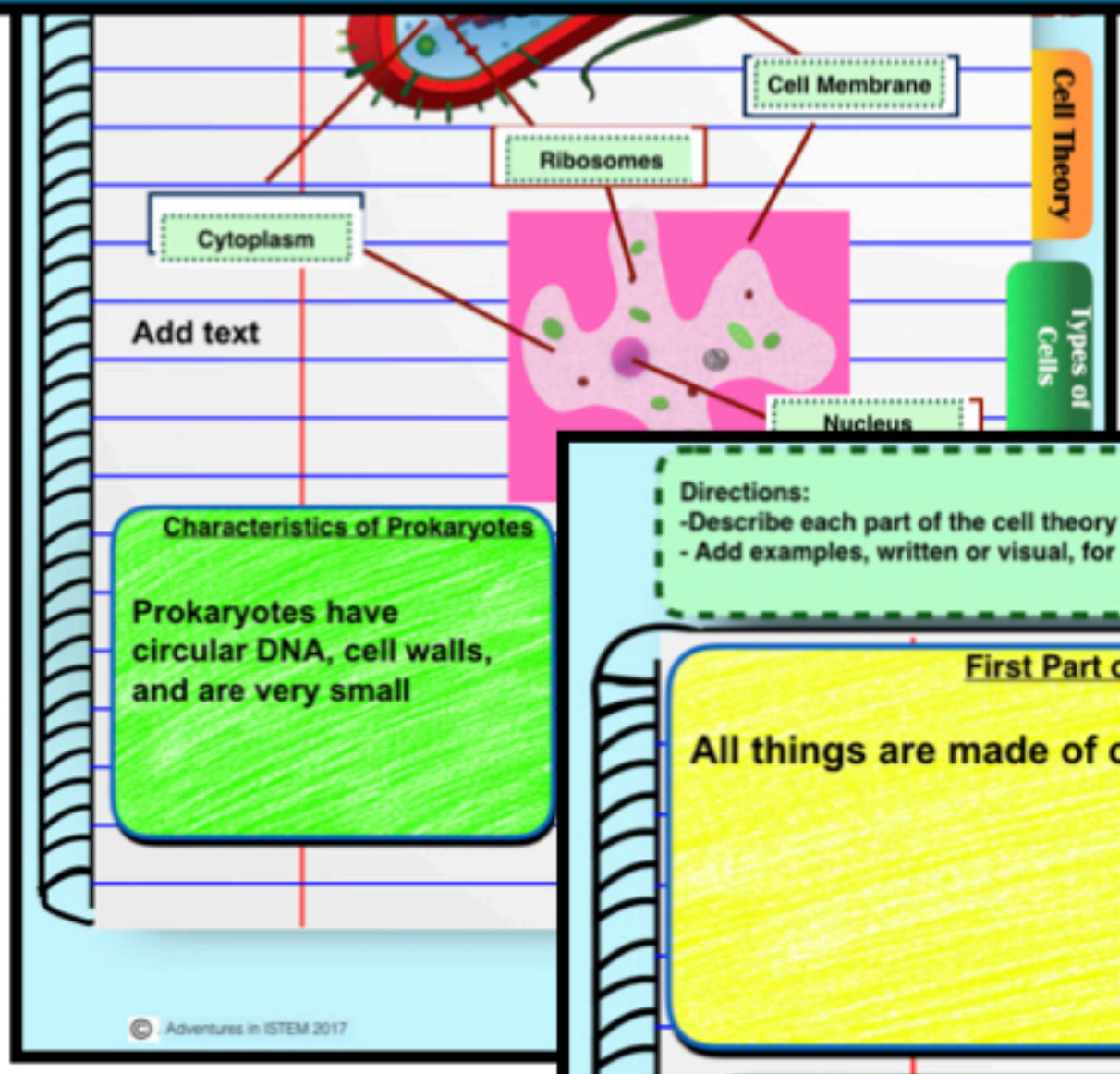
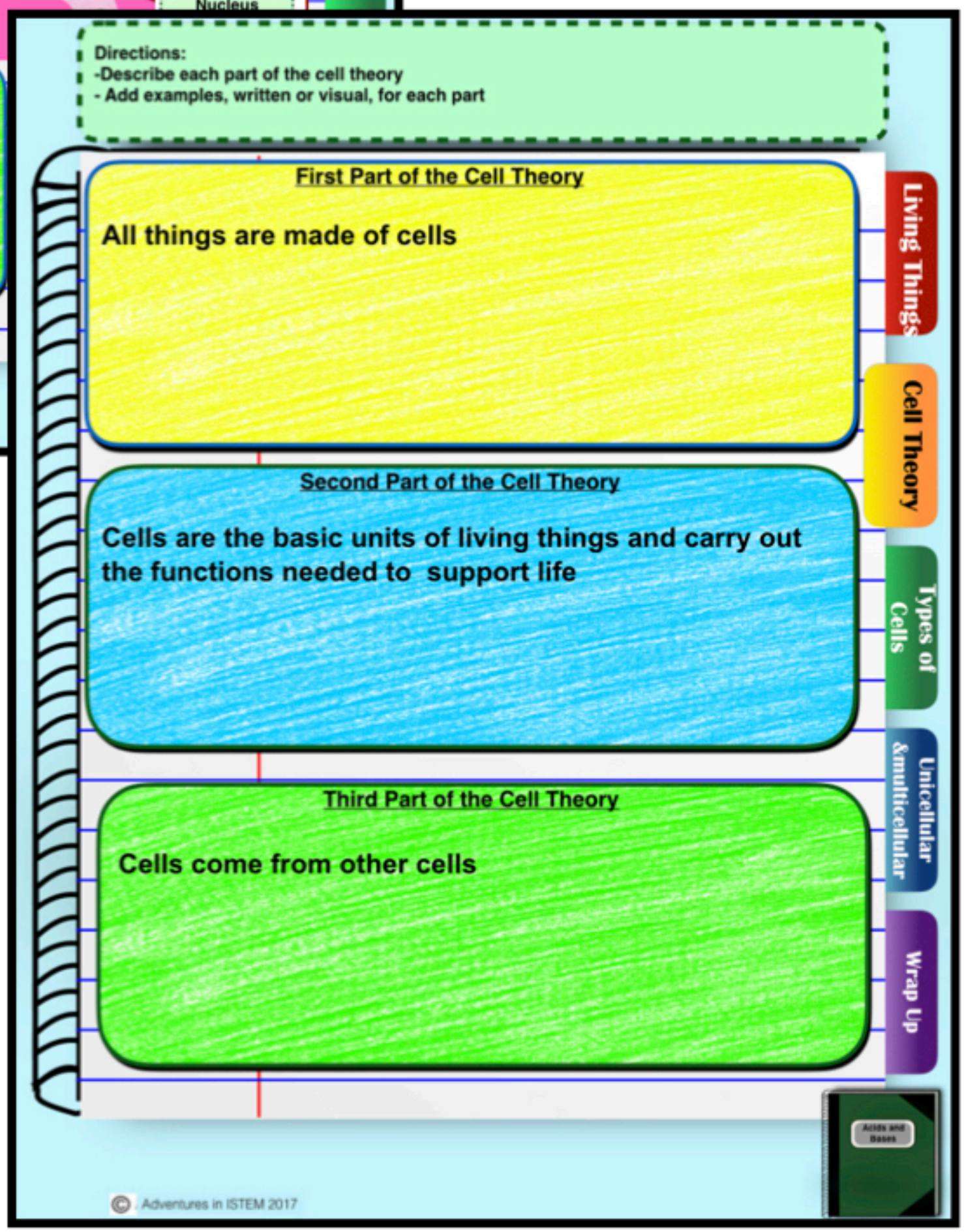
Students compare and sort



Students identify and label objects





Students apply their knowledge of living things to determine if something is living or not living and answer using a CER

it home and placed it under a microscope. Below is a picture of what he saw. He then placed it on a nutrient rich agar plate with a flame under the left side for 15 days. One the 15th day he switched the flame to the right side. Below represents what he observed.

observation under the microscope

Write a CER (Claim, Evidence, Reasoning) to answer the question, Did the scientist discover a new organism?

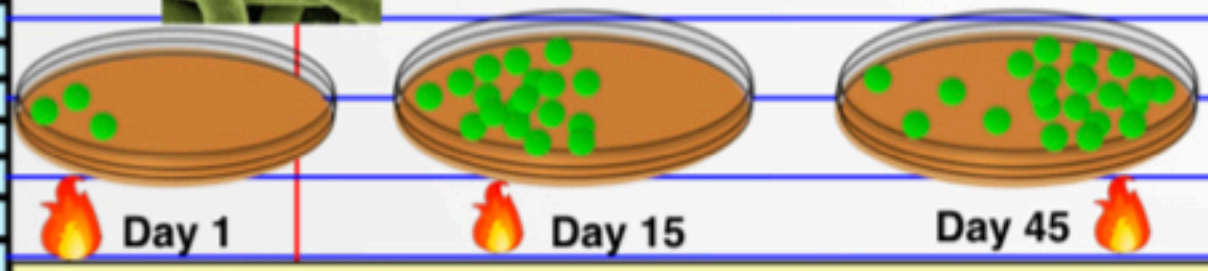
Word Bank: unicellular multicellular prokaryotic eukaryotic
grow and develop react to stimuli reproduce
use energy adapt to the environment cells

Add text

Teacher directions and answer key provided

days. One the 15th day he switched the flame to the right side. Below represents what he observed.

observation under the microscope

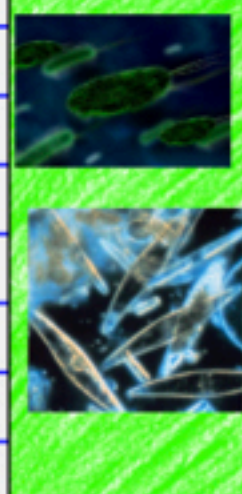
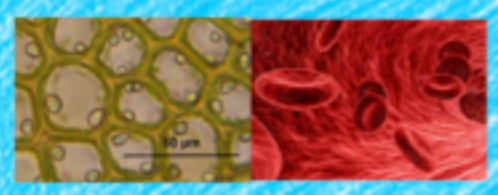


Write a CER (Claim, Evidence, Reasoning) to answer the question, Did the scientist discover a new organism?

Word Bank: unicellular multice
grow and develop react to stimul
use energy adapt to the environm

The scientist discove
Based on his observation
after being on the agar pl
observations also show t
one side to the other in re
the flame. This evidence
organisms grow, and resp

Directions:
- Sort the pictures into the correct category
- Explain why unicellular organisms are smaller than multicellular organisms

Unicellular	Multicellular
	  

Why are unicellular organisms smaller than multicellular organisms?

Organisms need to bring in nutrients and expose of waste to survive. Multicellular organisms divide up that job between specialized cells while unicellular organisms have to do it all in one cell. If the cell is too big than it takes to long to move things in and out of the cell.

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

Teachers Guide

What You Will Need To Get Started:

1. Download link for the Google Resource

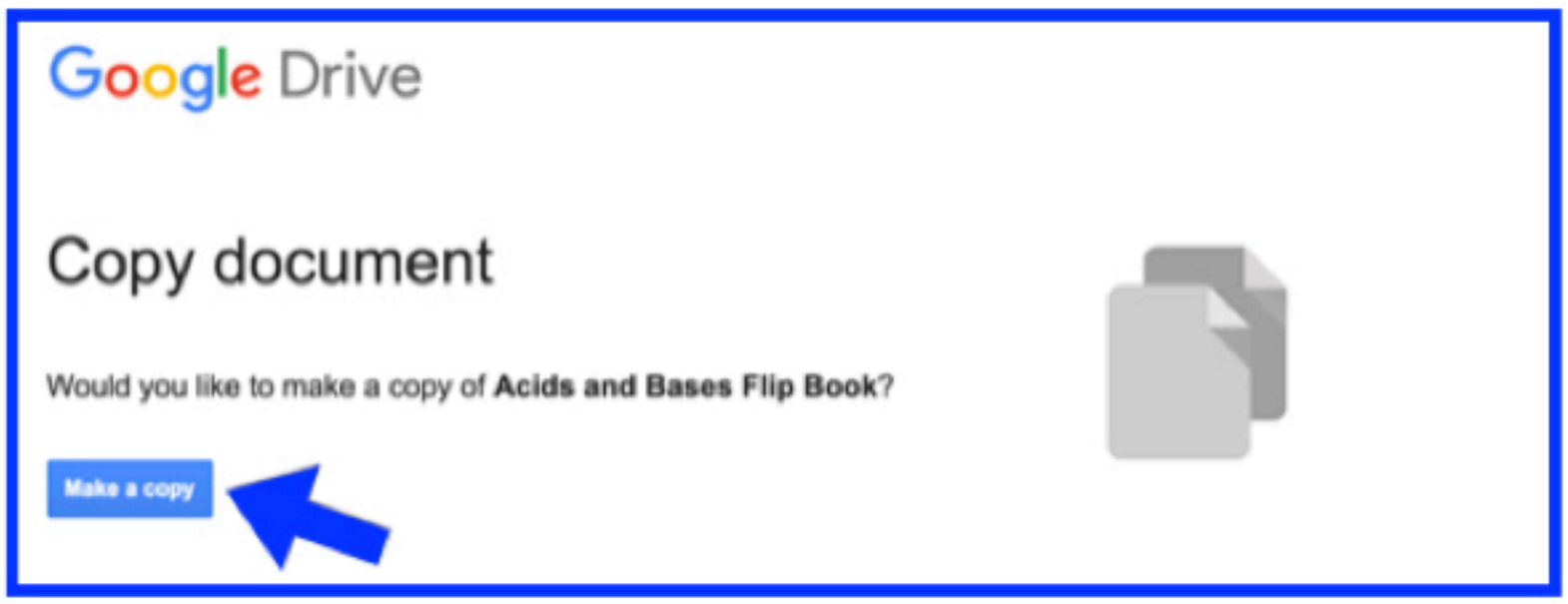
Cell Cycle Digital Interactive Notebook Student

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

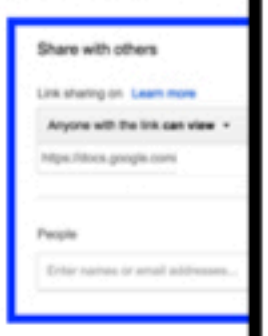
Teacher directions on how to share with students in google classroom, microsoft one drive, or any other LMS

How to use this resource with your student:

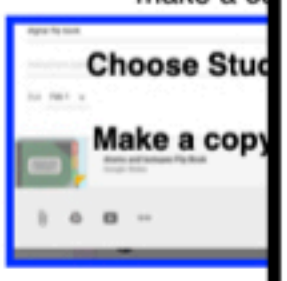
Google Directions:

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
  secure site that re
  link on an open cl



B. Use goog
resource
make a c



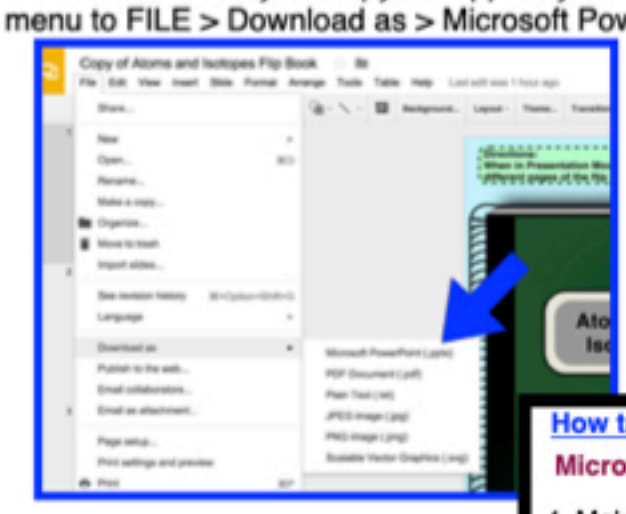
2. Students will be able
automatically saved.

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 fo
step is recommended to keep you and you

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

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How to use this resource with your student:

Microsoft OneDrive Directions:

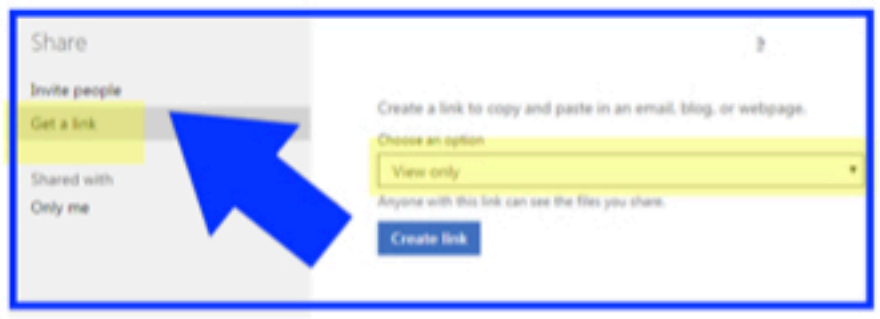
4. Make sure that you open the resource to make sure it is in good working order before sharing it with your students.

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 formate that requires a log in password and not on a personal, school, or district that can be accessed by anyone



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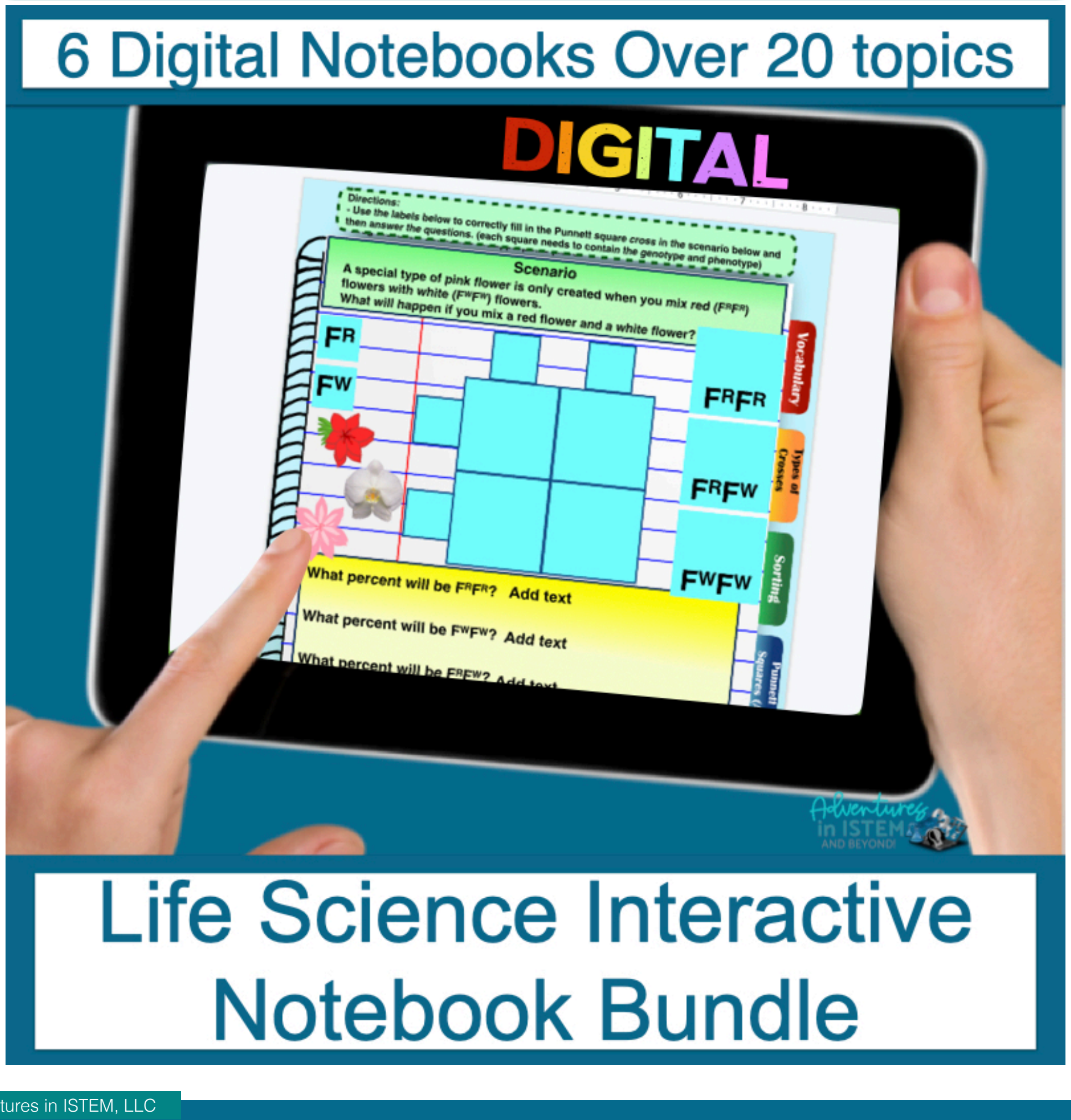

Teaching STEM Through Inquiry

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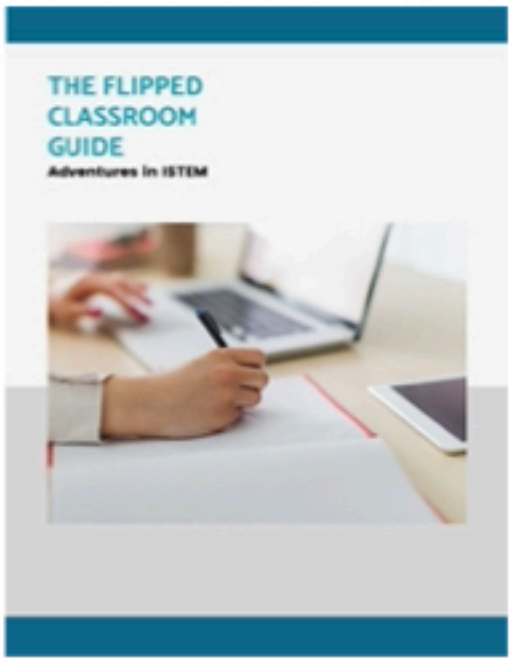

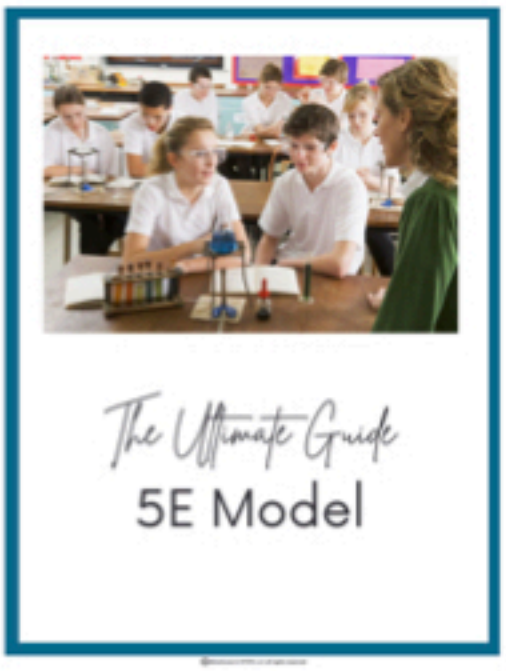

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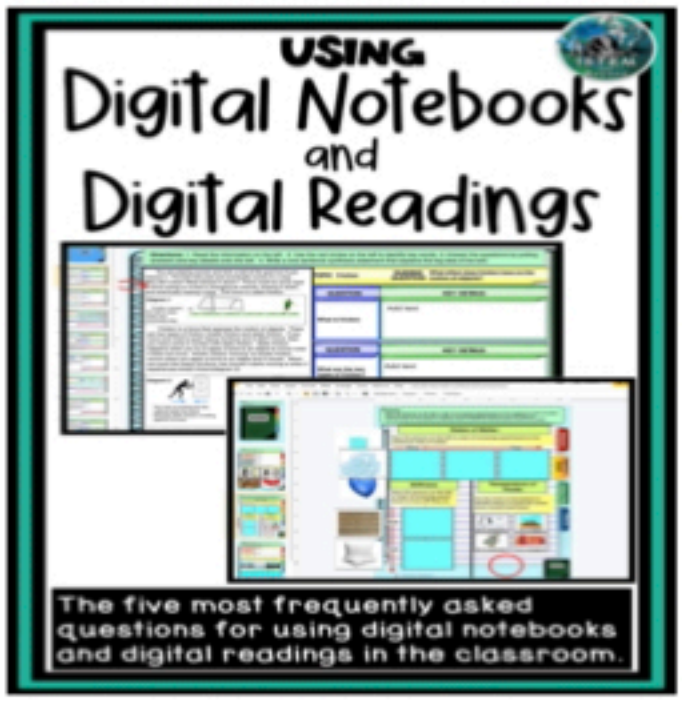
Digital Resources

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