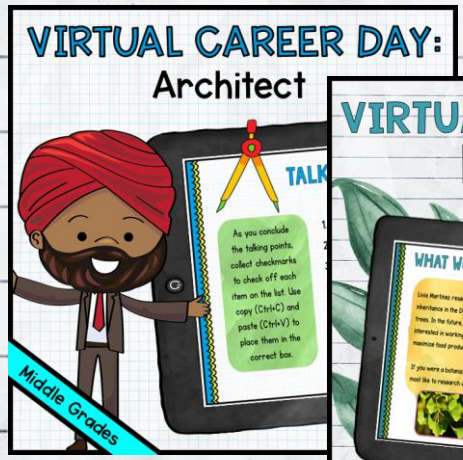
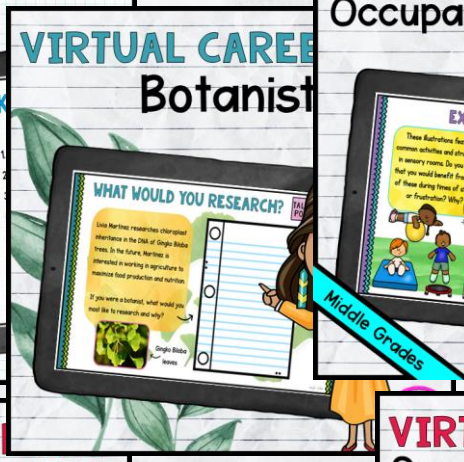
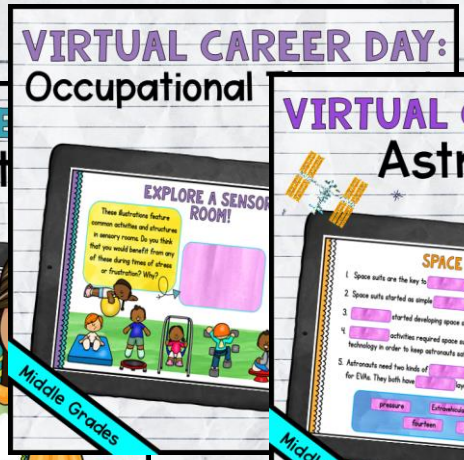
VIRTUAL CAREER DAY Bundle

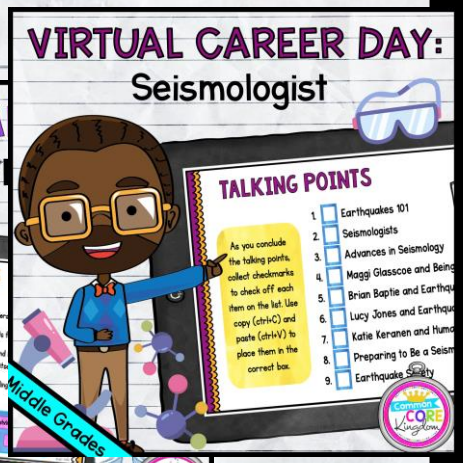
5th – 8th Grade Digital







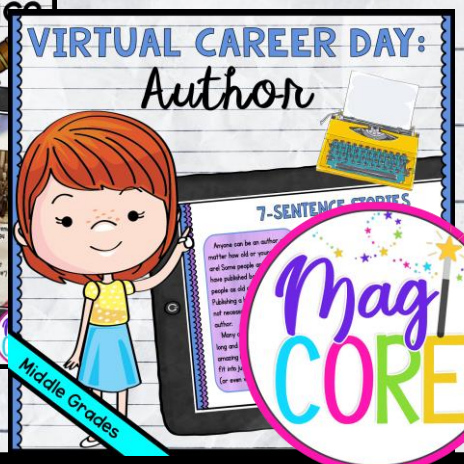










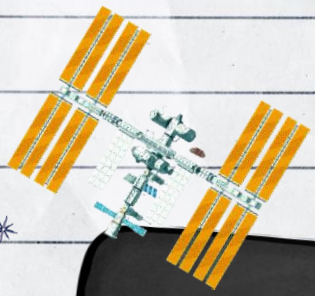


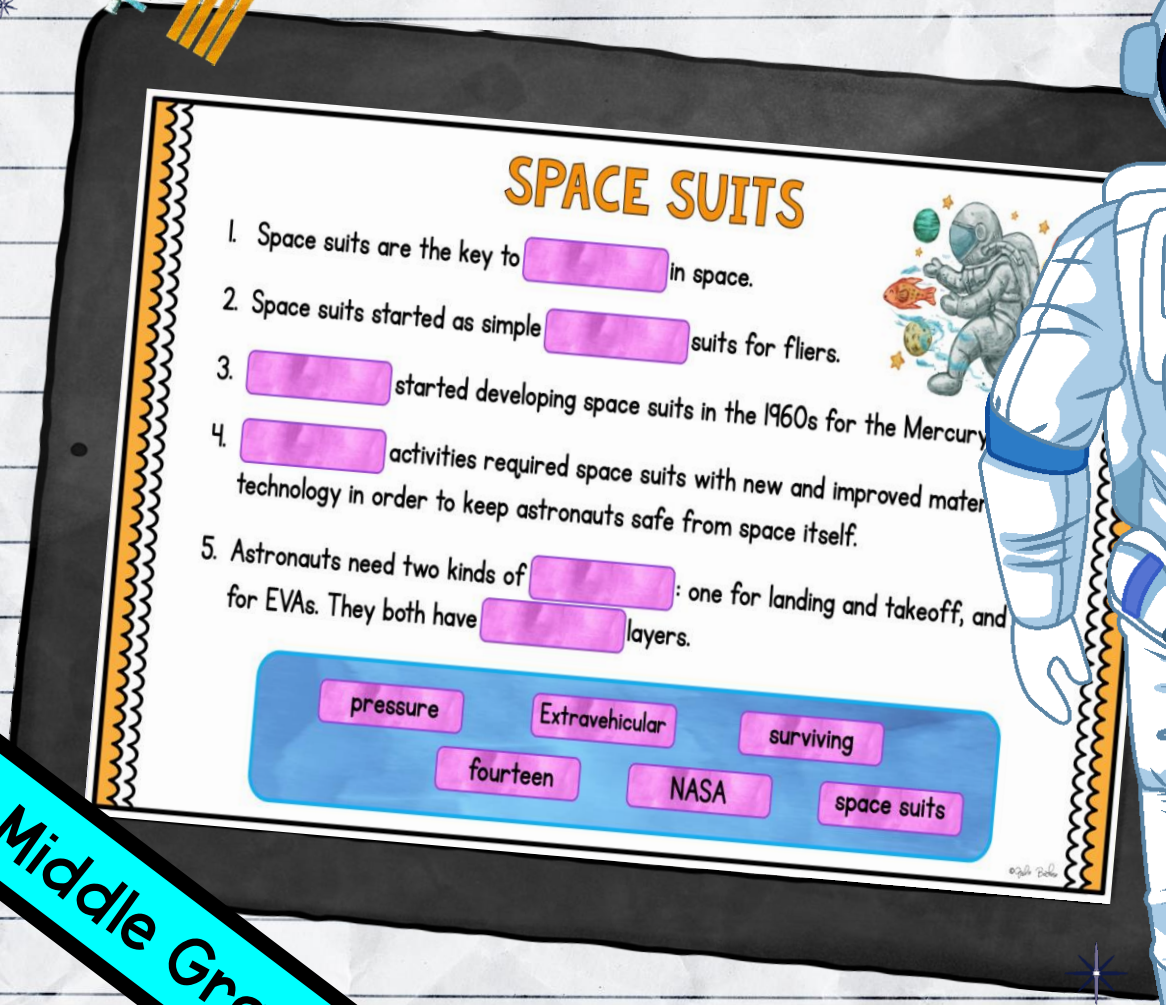
Middle Grades

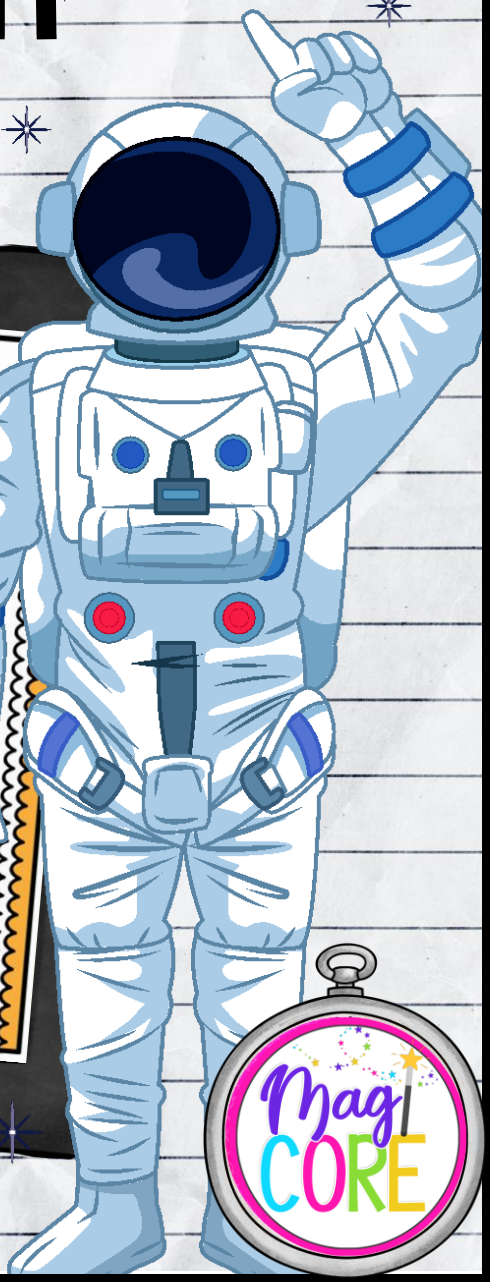
Magi CORE

VIRTUAL CAREER DAY:

Astronaut



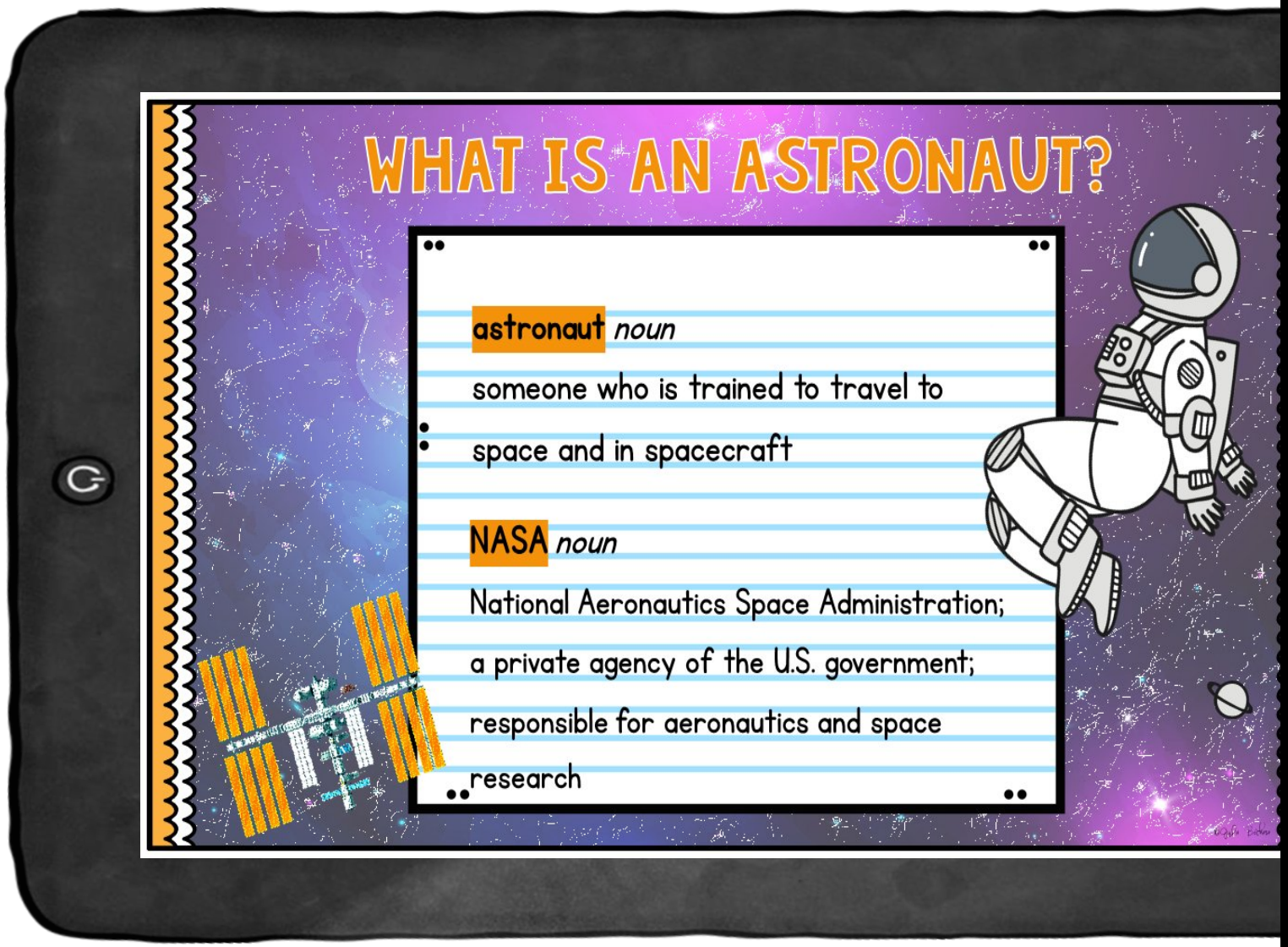




Middle Grades

Mag CORE

Interdisciplinary



Integrates Reading

INTERNATIONAL SPACE STATION

The ISS is a very large satellite that orbits Earth every 90 minutes. It is a joint project among several countries, including the United States. Astronauts can live in the ISS for months at a time while conducting research.



Click the picture to read about the International Space Station, and then watch the video.





Engaging & Educational Media

BECOMING AN ASTRONAUT

TALKING POINTS

Astronauts need to have a good memory! Watch the video to learn about the memory test.



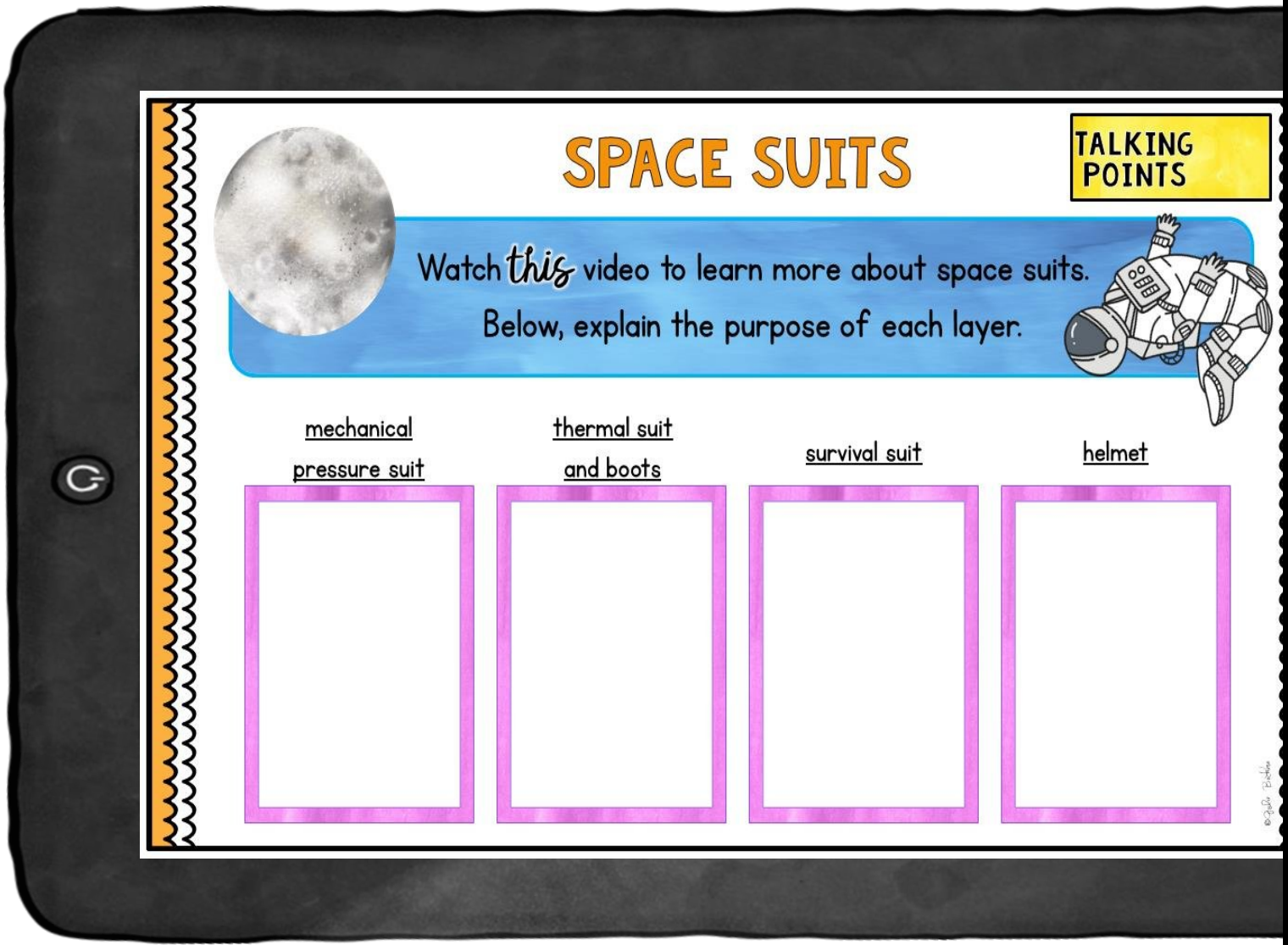


Would you be able to remember the numbers and recite them backwards? Try it with a friend!

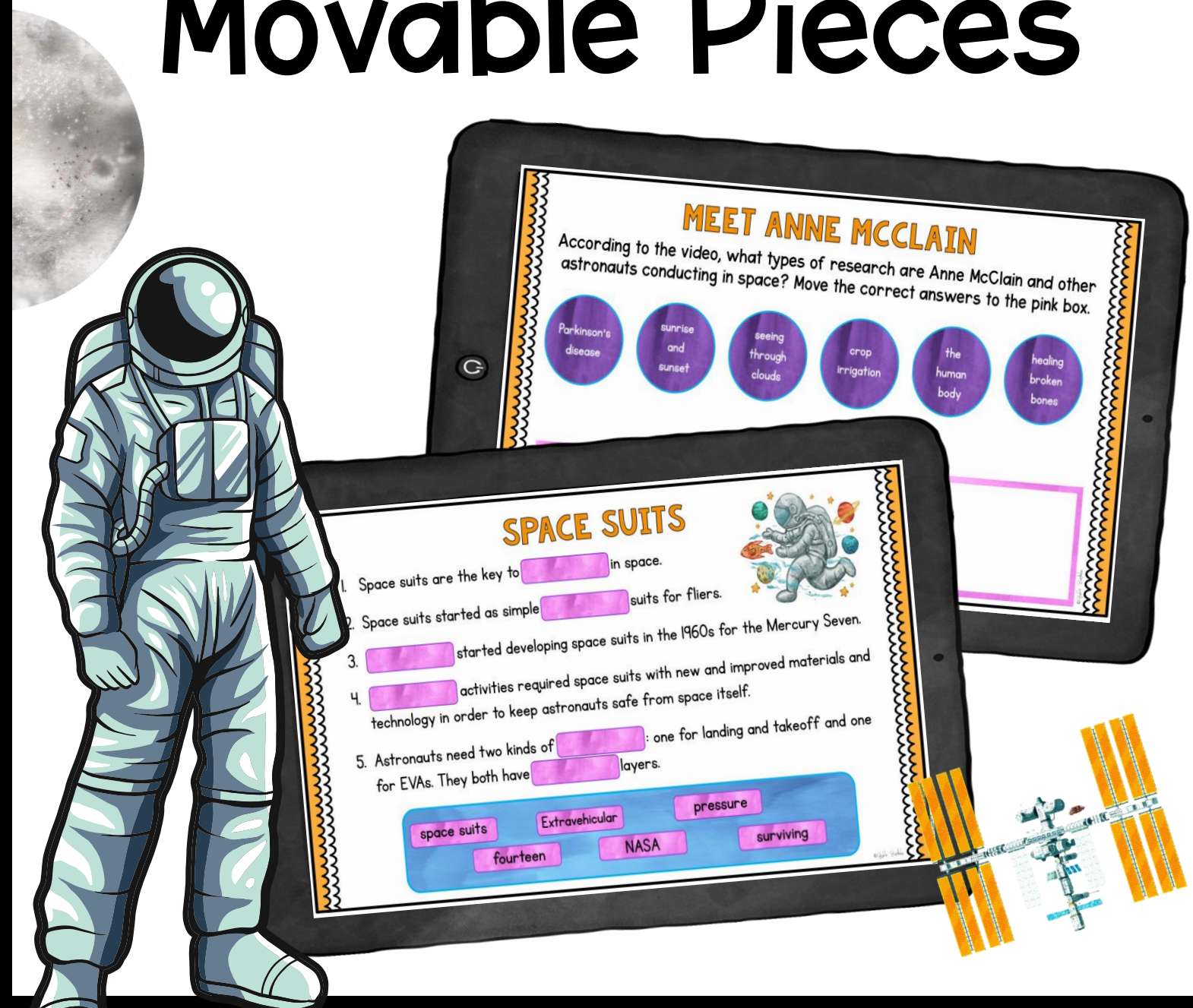
Critical Thinking



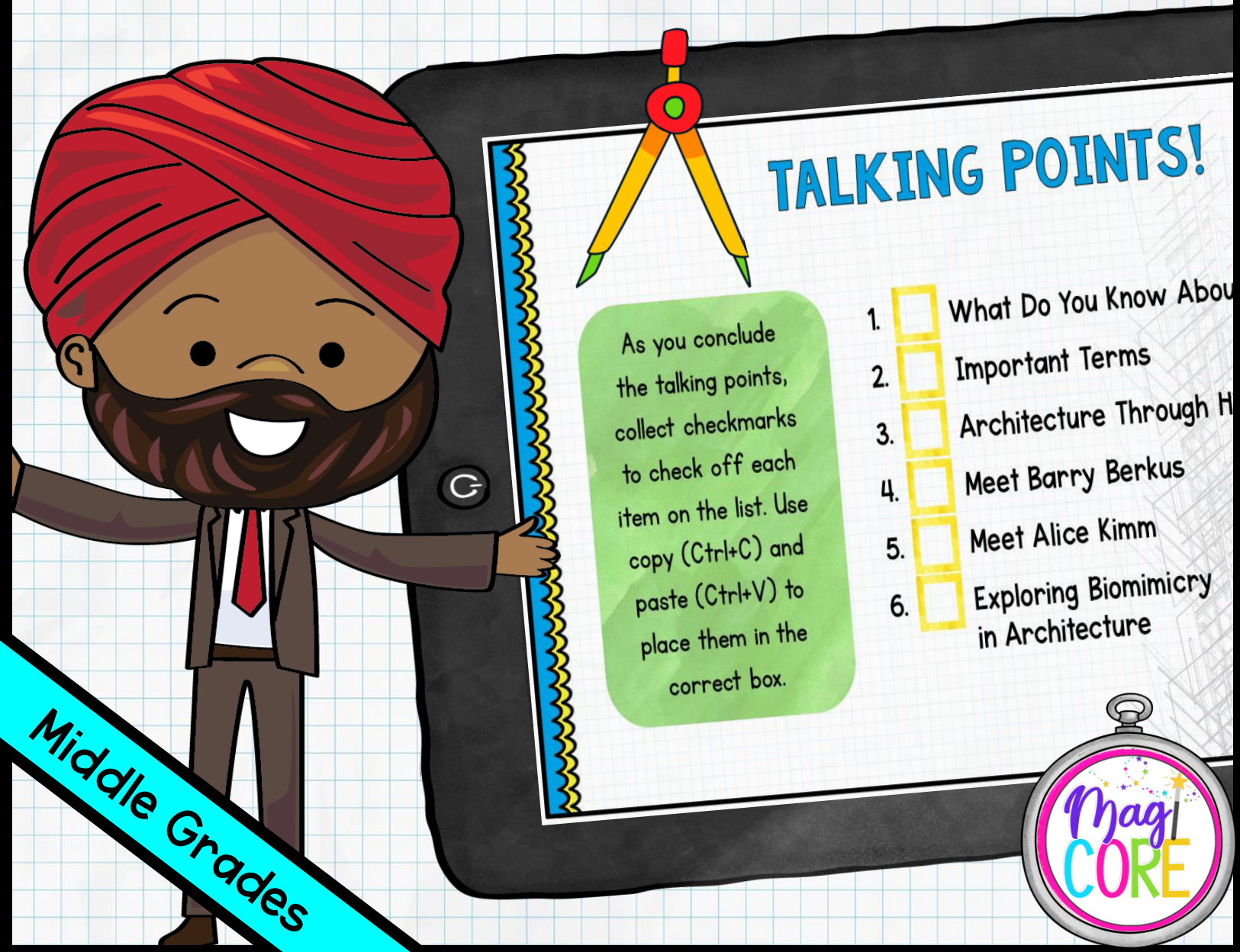
Writing Exercise



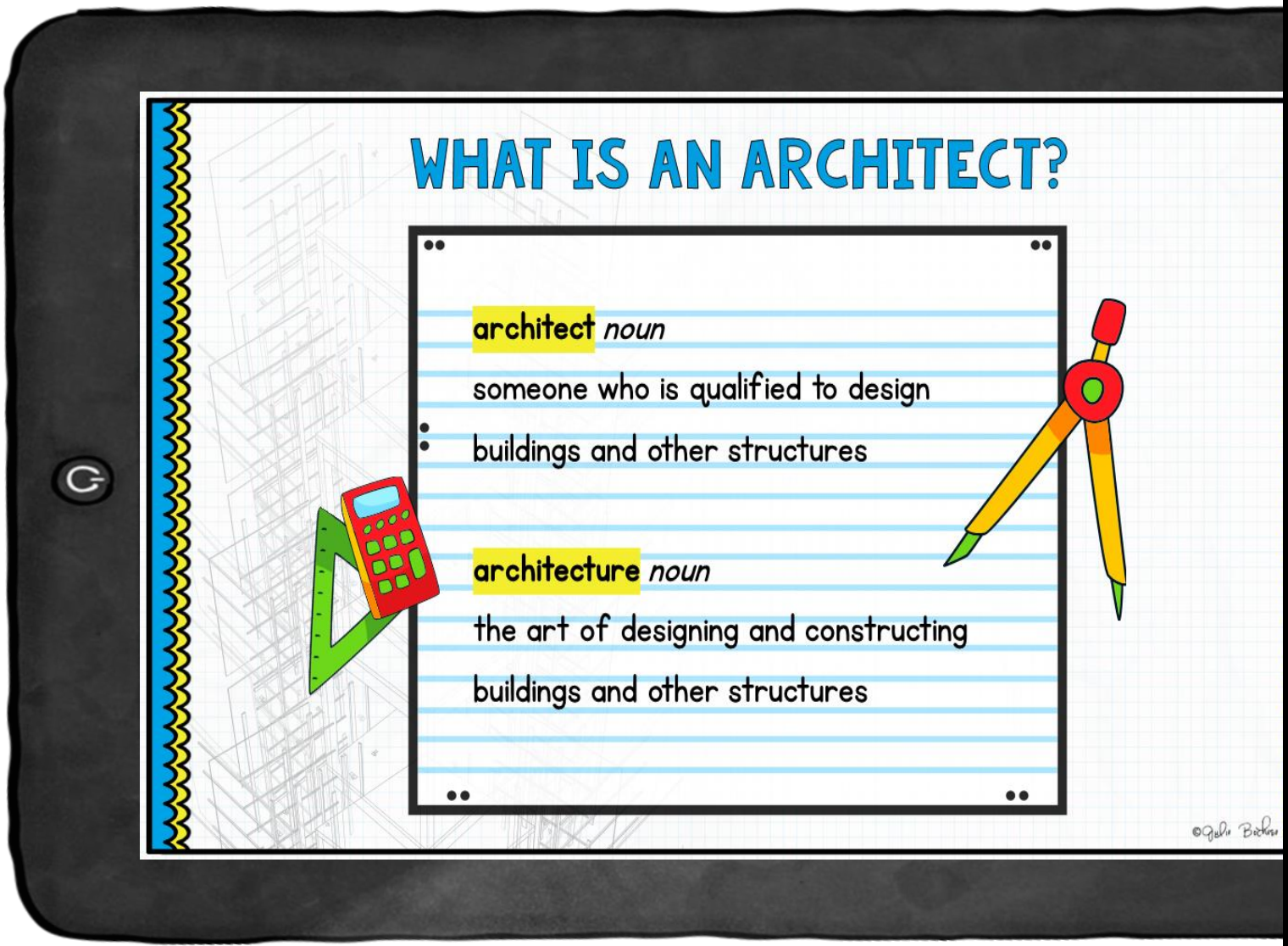
Interactive Movable Pieces



VIRTUAL CAREER DAY:
Architect



Interdisciplinary



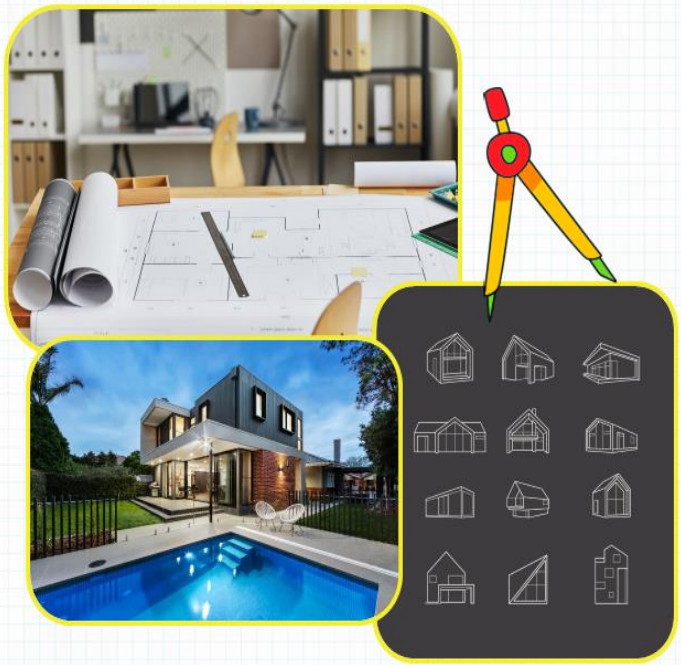
Engaging & Educational Media



Integrates Reading

MEET BARRY BERKUS

Barry Berkus was a well-known American architect. Berkus lived and worked in Southern California, and earned many awards for creativity, design, and teaching. Berkus's work continues to inspire and teach others about the field in many ways. Watch the three following videos to learn more.



Interactive Movable Pieces

DIFFERENT TYPES OF ARCHITECTS

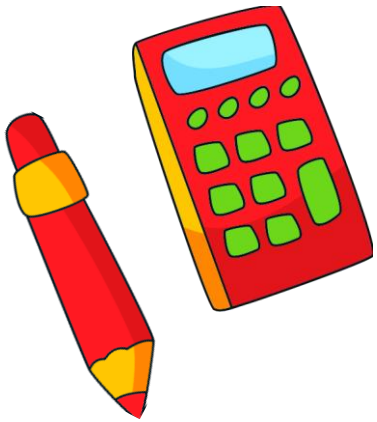
Read this article to learn about different types of architects and what they do! After reading, label each image with the architect that does the kind of work shown. There are three images on this slide and four on the next slide. Each label will be used one time.





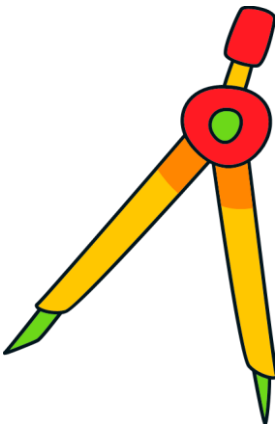


Critical Thinking





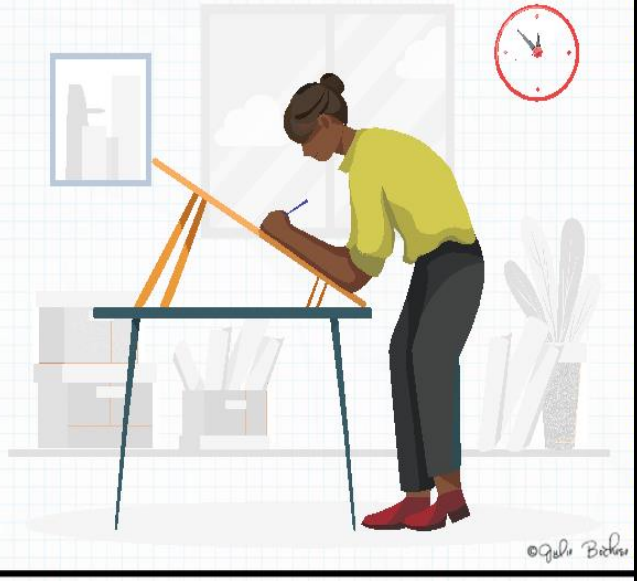




Writing

WHAT DO YOU KNOW ABOUT ARCHITECTS?

In the space below, write what you know about architects. What is their job? Who do they work with? What settings do they work in? What subjects do they use on the job?



VIRTUAL CAREER DAY:

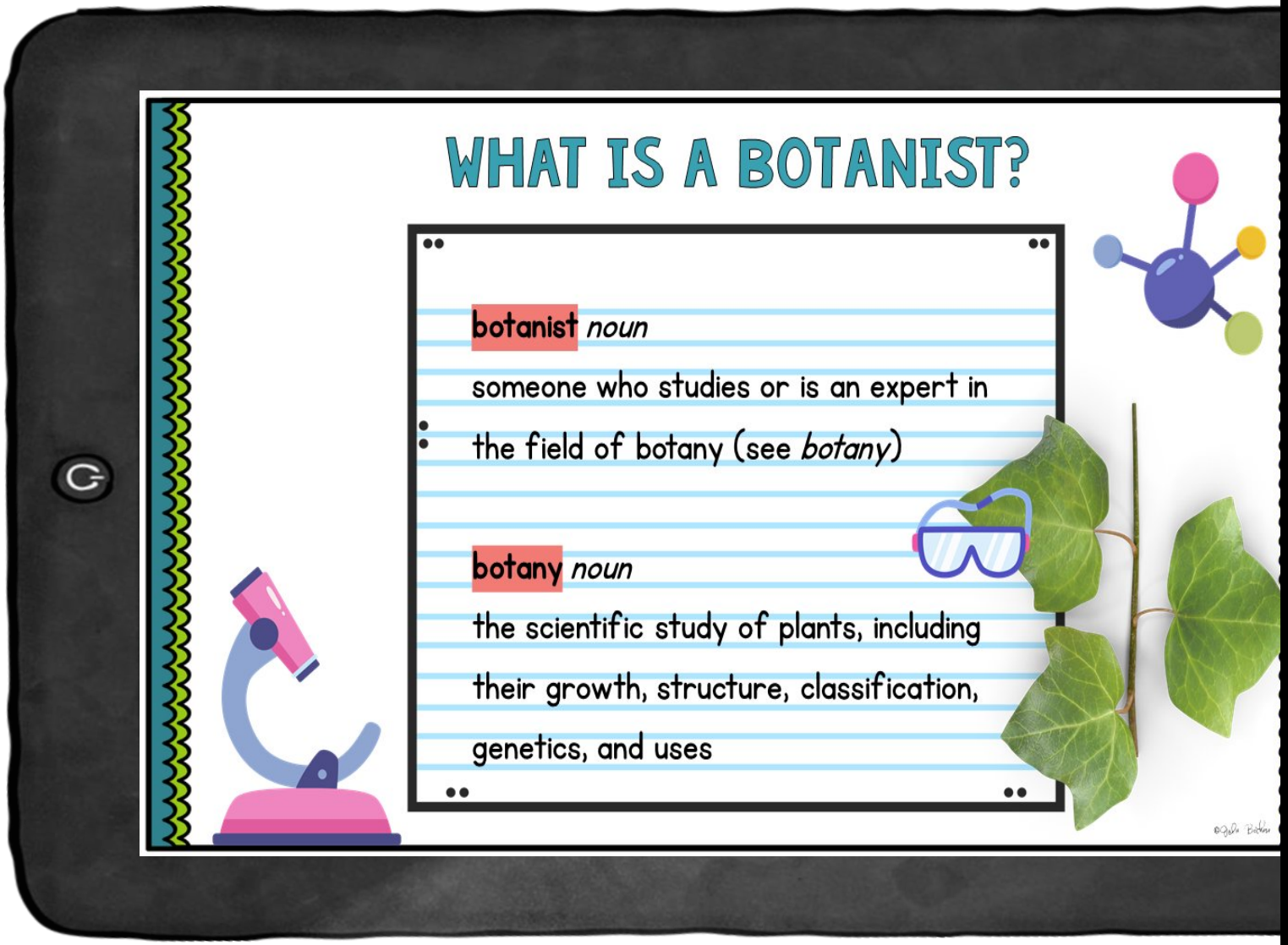
Botanist



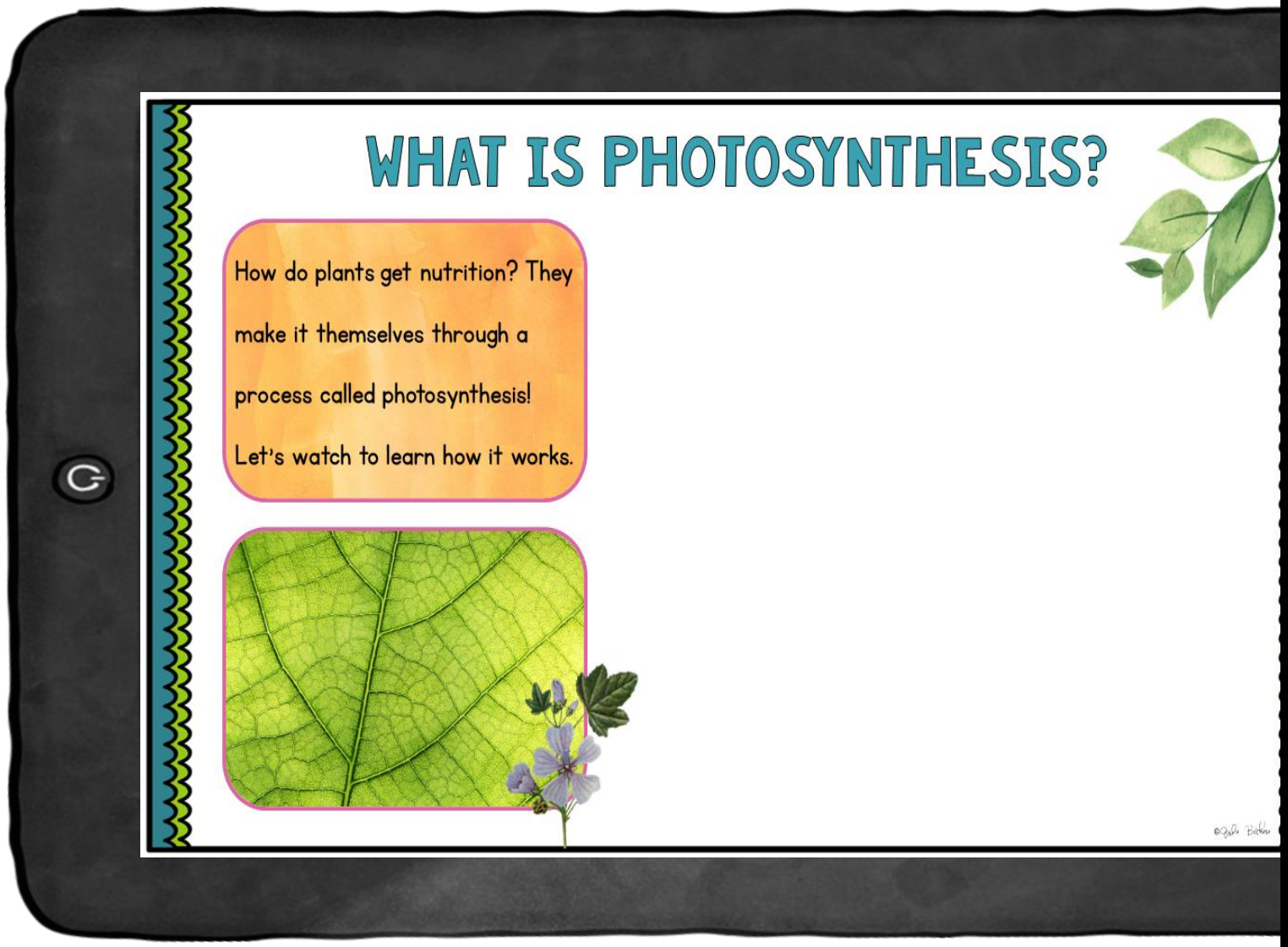
Middle Grades

Magi CORE

Interdisciplinary



Engaging & Educational Media



Integrates Reading

HOW TO PRESS PLANTS





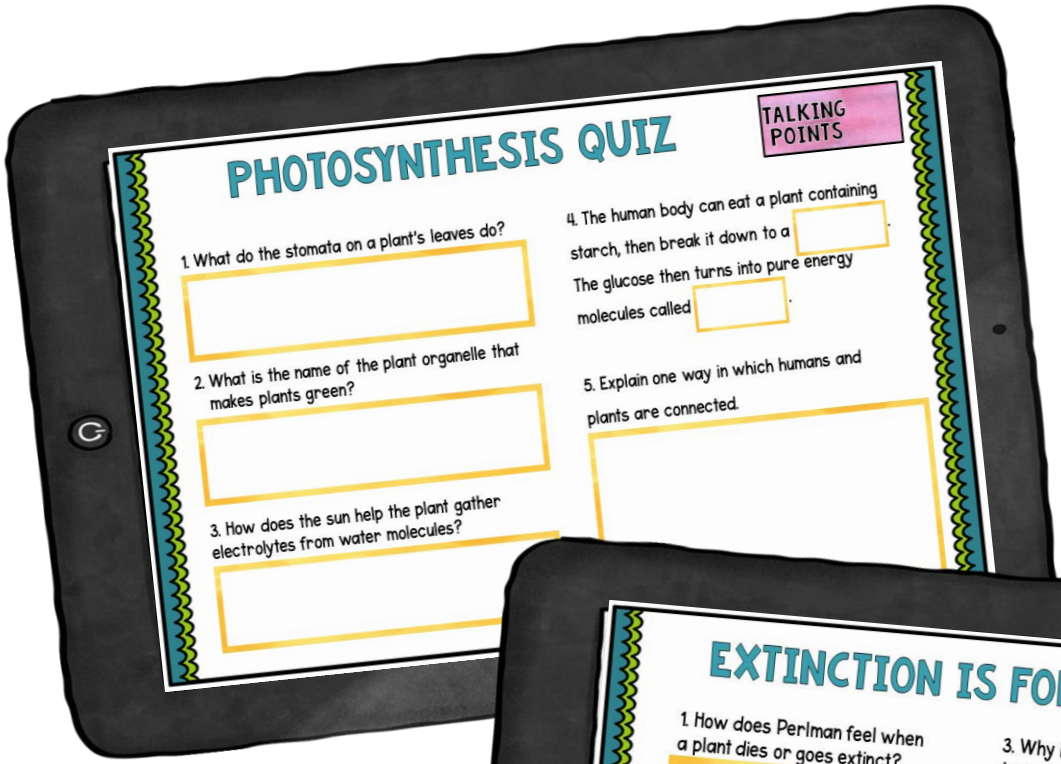
Pressing flowers is easy and fun! It can usually be done with materials you already have at home.

Like Adriana Hernandez discusses, it is important for botanists to press plant leaves and flowers so that they can be studied in the future. They are stored in an herbarium.



One idea is to make a book of pressed plants that records the change of seasons where you live! Another idea is to press leaves and flowers to use as decorations and/or crafts.

Critical Thinking











Writing Exercise

WHAT WOULD YOU RESEARCH?

TALKING POINTS

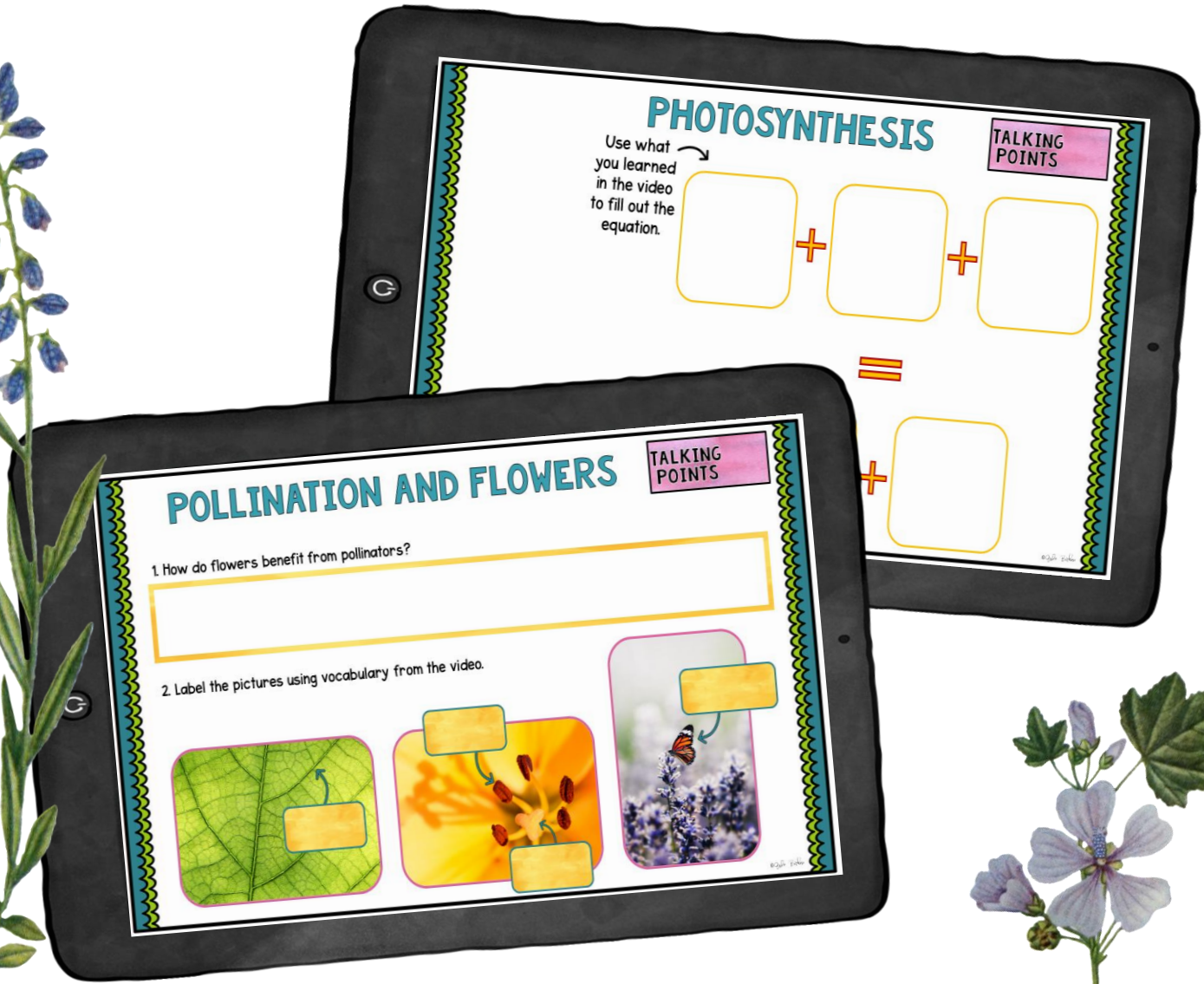
Livia Martinez researches chloroplast inheritance in the DNA of Gingko Biloba trees. In the future, Martinez is interested in working in agriculture to maximize food production and nutrition.

If you were a botanist, what would you most like to research and why?



Gingko Biloba leaves

Interactive Movable Pieces



VIRTUAL CAREER DAY:
Occupational Therapist



Interdisciplinary

WHAT IS AN OCCUPATIONAL THERAPIST?

occupational therapist *noun*

health care professionals specializing in occupational therapy

occupational therapy *noun*

a form of therapy for people with any injury, challenge or disability that supports independence in everyday activities





Integrates Reading



LET'S MEET AN OT!

Lani Hessen

TALKING POINTS

Fill in the blanks using the information you learned in the video. Use the word bank below.

playing | positive | notes | active | creative | progress

Occupational therapy is a very _____ field. Pediatric occupational therapists do a lot of _____ with children. This is one of the easiest and most effective ways of helping kids who need occupational therapy services. After each session, occupational therapists write _____ about their patient's activities and abilities. This helps track each patient's _____.

In order to be an occupational therapist, you must have a master's degree. You also need to be _____ and have a very _____ attitude.

Interactive Movable Pieces



Engaging & Educational Media



LET'S MEET AN OT!

Lani Hessen

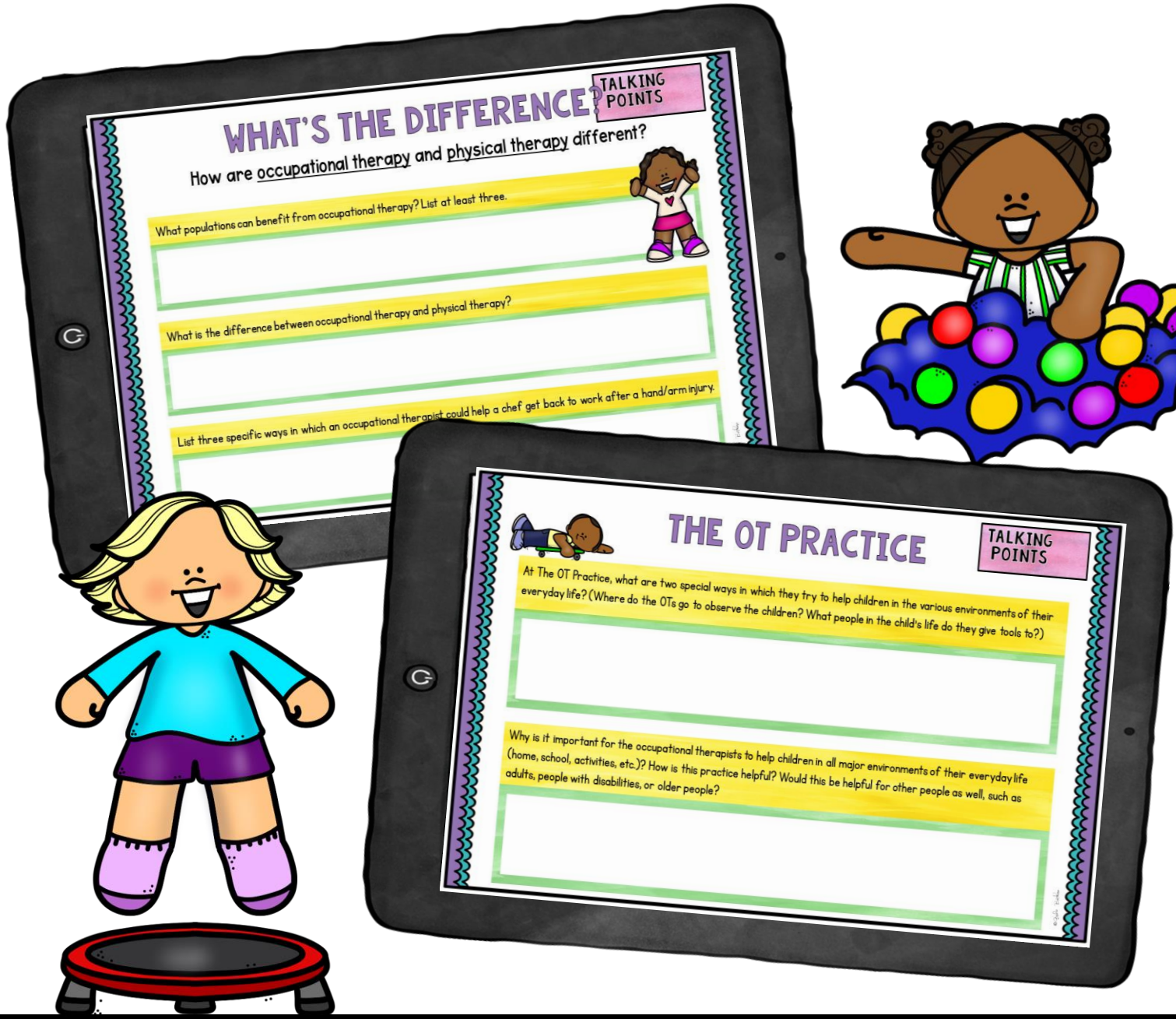
Lani Hessen is a pediatric occupational therapist. Lani works with children that need help with both fine and gross motor skills. Watch the video to learn more about Lani's job and the process of becoming an OT.





Do you know any occupational therapists?

Critical Thinking



Writing Exercise

REFLECTION

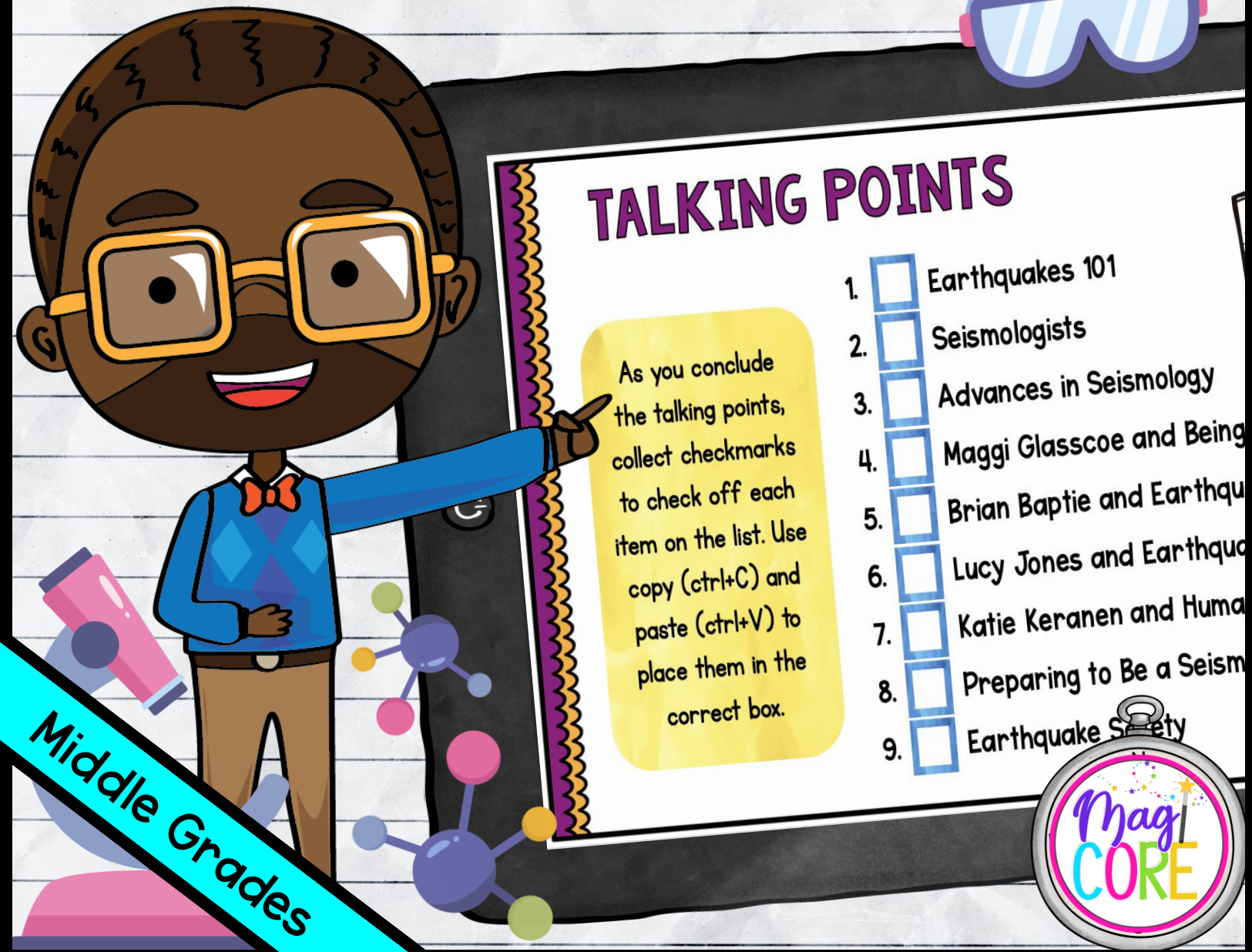


Reflect on what you've learned about occupational therapy.

1. Describe the work of an OT. How does their work impact people's lives?
2. Is this a career you might be interested in? Why or why not?

VIRTUAL CAREER DAY:

Seismologist



Integrates Reading

WHAT IS A SEISMOLOGIST?

seismologist *noun*

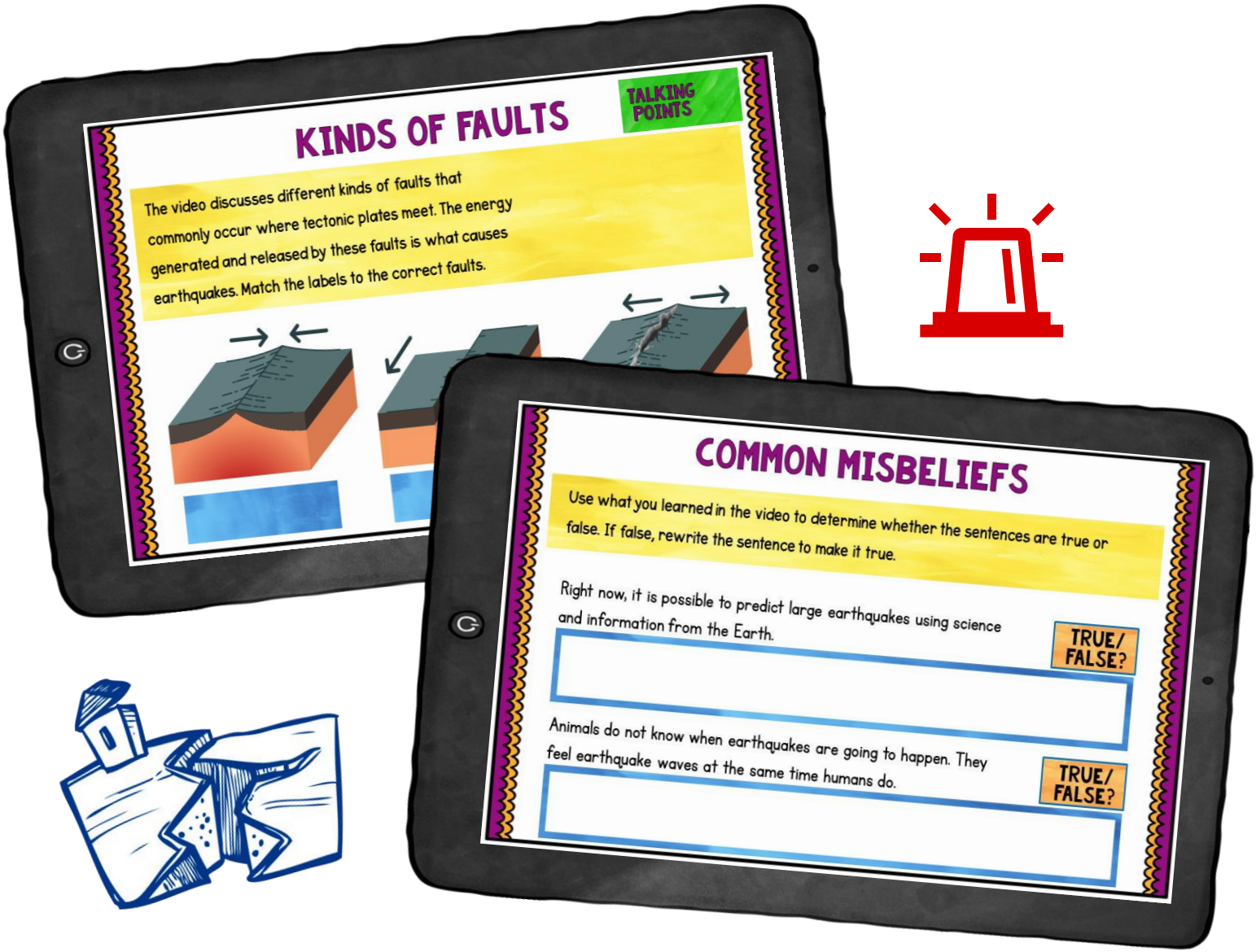
someone who studies seismology (see *seismology*) and oftentimes specializes in geophysics

seismology *noun*

the science or study of earthquakes and their phenomena, as well as artificially produced vibrations of the Earth



Interactive Movable Pieces



Engaging & Educational Media

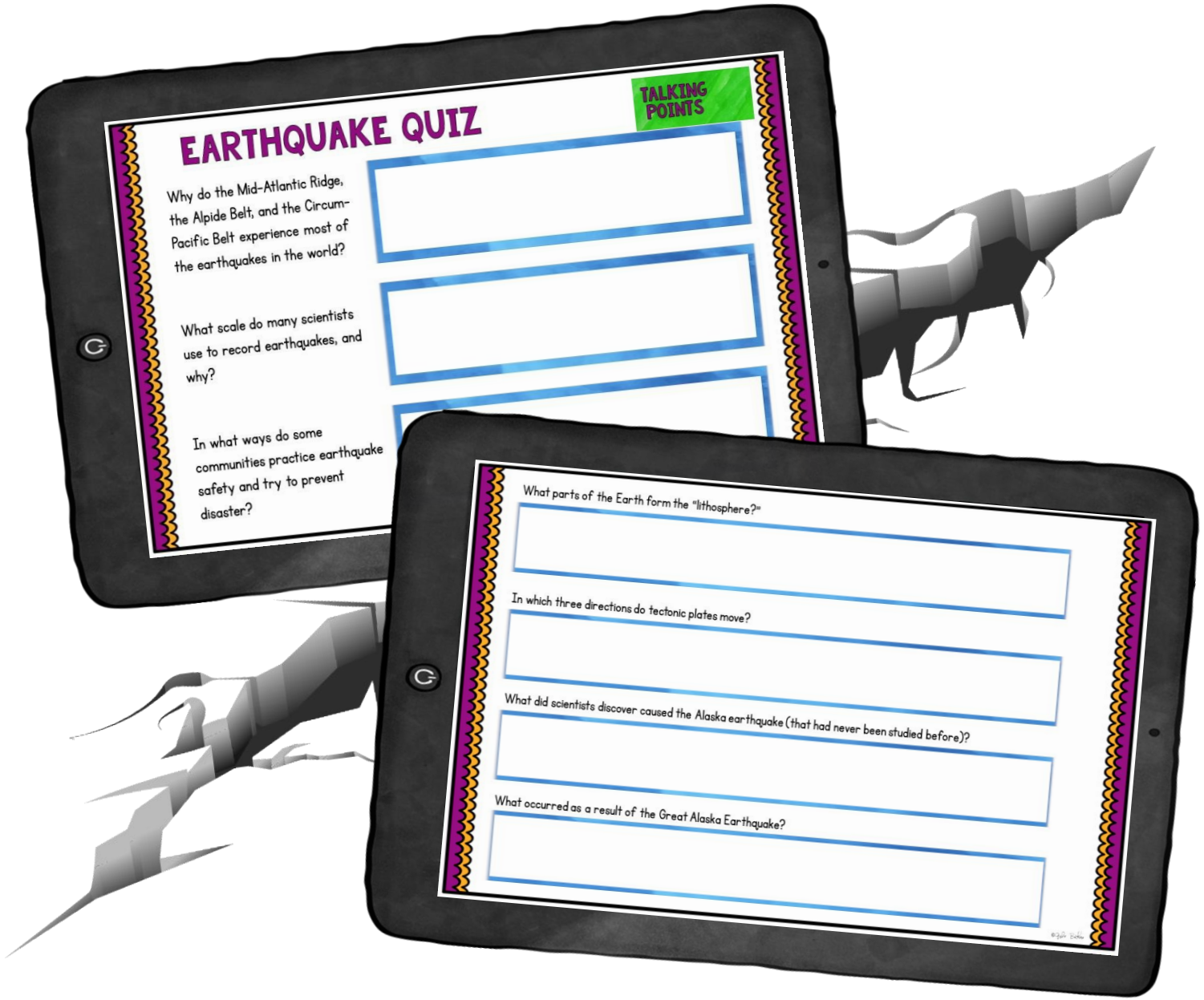
EARTHQUAKE MONITORING

TALKING POINTS

How does Brian Baptie's team conduct earthquake monitoring? Use information from this video (and others, if desired) to explain how and why earthquake monitoring is important.



Critical Thinking

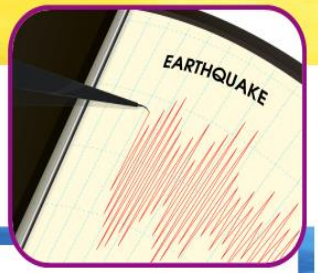


Writing

PREPARING TO BE A SEISMOLOGIST

TALKING POINTS

There are some classes that can be taken in middle school and high school that may help you decide if seismology is something you want to pursue. Click here to learn how some people choose to prepare for the field of seismology.



Would you like to be a seismologist, or is seismology something that you would like to learn more about? Why, or why not?