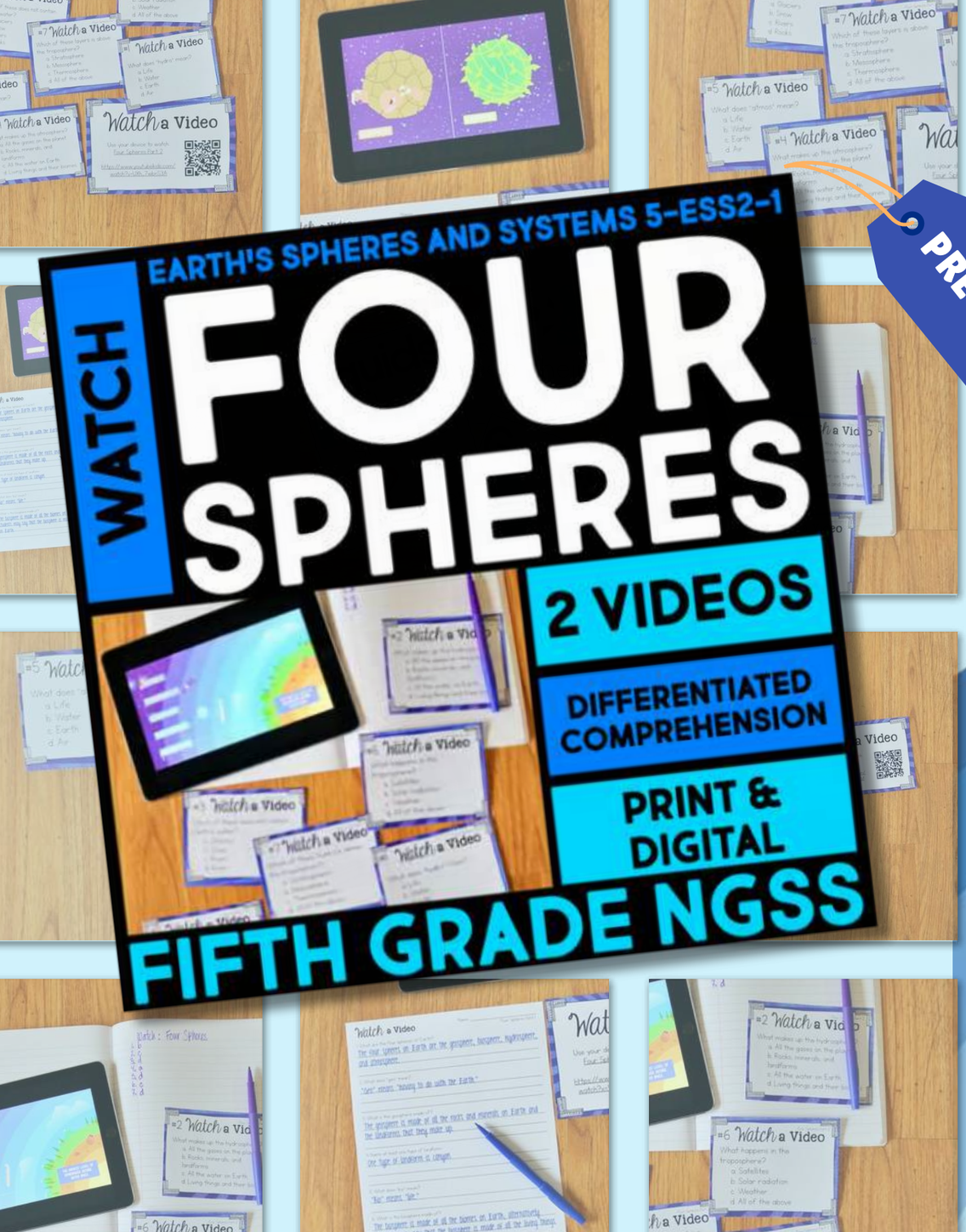


Teach Earth's Spheres with Interactive Video Learning!

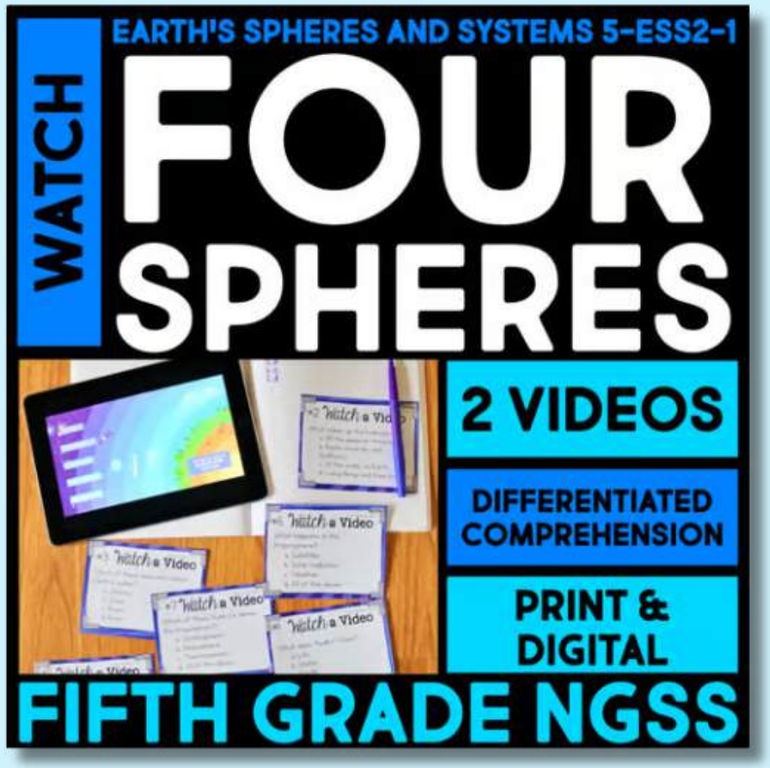
5TH GRADE

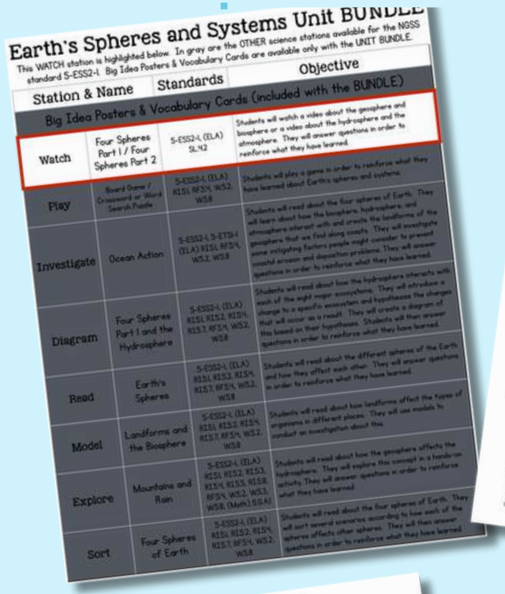
WATCH VIDEO ABOUT FOUR SPHERES

EARTH'S SPHERES

KEEP SCROLLING TO SEE WHAT'S INSIDE!

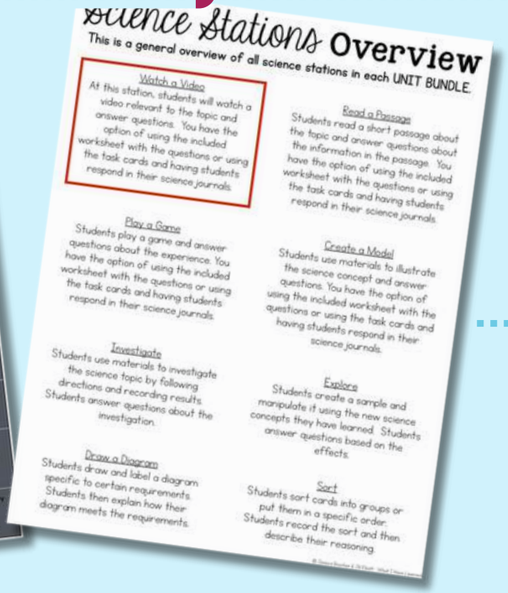
ACTIVITY OVERVIEW




Earth's Spheres and Systems Unit BUNDLE

This WATCH station is highlighted below. In gray are the OTHER science stations available for the NGSS standard 5-ESS2-1. Big Idea Posters & Vocabulary Cards are available only with the UNIT BUNDLE.

Station & Name	Standards	Objective
Big Idea Posters & Vocabulary Cards (included with the BUNDLE)		
Watch — Four Spheres Part 1 / Four Spheres Part 2	S-ESS2-1, (ELA) SL.4.2	Students will watch a video about the geosphere and biosphere or a video about the hydrosphere and the atmosphere. They will answer questions in order to reinforce what they have learned.
Play — Board Game / Crossword or Word Search Puzzle	S-ESS2-1, (ELA) RI.5.1, RF.5.4, W.5.2, W.5.8	Students will play a game in order to reinforce what they have learned about Earth's spheres and systems.
Investigate — Ocean Action	S-ESS2-1, S-ETS1-1 (ELA) RI.5.1, RF.5.4, W.5.2, W.5.8	Students will read about the four spheres of Earth. They will learn about how the biosphere, hydrosphere, and atmosphere interact with and create the landforms of the geosphere that we find along coasts. They will investigate some mitigating factors people might consider to prevent coastal erosion and deposition problems. They will answer questions in order to reinforce what they have learned.
Diagram — Four Spheres Part 1 and the Hydrosphere	S-ESS2-1, (ELA) RI.5.1, RI.5.2, RI.5.9, RI.5.7, RF.5.4, W.5.2, W.5.8	Students will read about how the hydrosphere interacts with each of the eight major ecosystems. They will introduce a change to a specific ecosystem and hypothesize the changes that will occur as a result. They will create a diagram of this based on their hypotheses. Students will then answer questions in order to reinforce what they have learned.
Read — Earth's Spheres	S-ESS2-1, (ELA) RI.5.1, RI.5.2, RI.5.9, RI.5.7, RF.5.4, W.5.2, W.5.8	Students will read about the different spheres of the Earth and how they affect each other. They will answer questions in order to reinforce what they have learned.
Model — Landforms and the Biosphere	S-ESS2-1, (ELA) RI.5.1, RI.5.2, RI.5.9, RI.5.7, RF.5.4, W.5.2, W.5.8	Students will read about how landforms affect the types of organisms in different places. They will use models to conduct an investigation about this.
Explore — Mountains and Rain	S-ESS2-1, (ELA) RI.5.1, RI.5.2, RI.5.3, RI.5.4, RI.5.5, RI.5.8, RF.5.4, W.5.2, W.5.3, WS.8, (Math.) 5.G.A.1	Students will read about how the geosphere affects the hydrosphere. They will explore this concept in a hands-on activity. They will answer questions in order to reinforce what they have learned.
Sort — Four Spheres of Earth	S-ESS2-1, (ELA) RI.5.1, RI.5.2, RI.5.9, RI.5.7, RF.5.4, W.5.2, W.5.8	Students will read about the four spheres of Earth. They will sort several scenarios according to how each of the spheres affects other spheres. They will then answer questions in order to reinforce what they have learned.


Science Stations Overview

This is a general overview of all science stations in each UNIT BUNDLE.

Watch a Video
At this station, students will watch a video relevant to the topic and answer questions. You have the option of using the included worksheet with the questions or using the task cards and having students respond in their science journals.

Read a Passage
Students read a short passage about the topic and answer questions about the information in the passage. You have the option of using the included worksheet with the questions or using the task cards and having students respond in their science journals.

Play a Game
Students play a game and answer questions about the experience. You have the option of using the included worksheet with the questions or using the task cards and having students respond in their science journals.

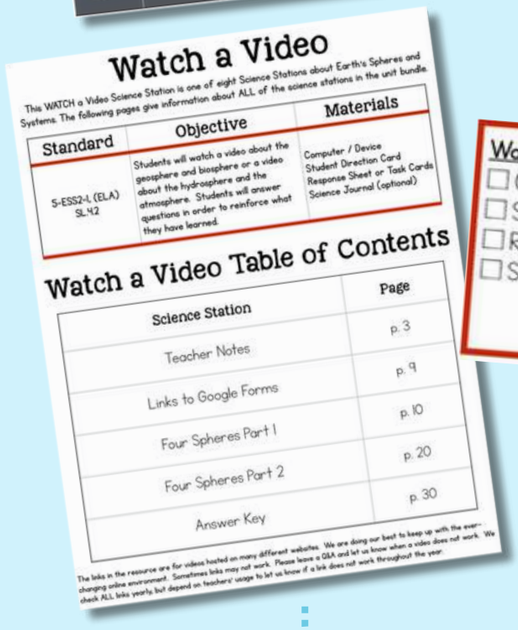
Create a Model
Students use materials to illustrate the science concept and answer questions. You have the option of using the included worksheet with the questions or using the task cards and having students respond in their science journals.

Investigate
Students use materials to investigate the science topic by following directions and recording results. Students answer questions about the investigation.

Explore
Students create a sample and manipulate it using the new science concepts they have learned. Students answer questions based on the effects.

Draw a Diagram
Students draw and label a diagram specific to certain requirements. Students then explain how their diagram meets the requirements.

Sort
Students sort cards into groups or put them in a specific order. Students record the sort and then describe their reasoning.


Watch a Video

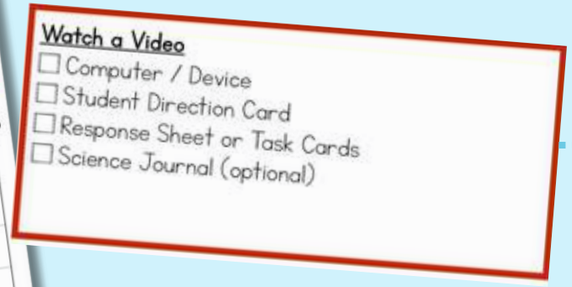
This WATCH a Video Science Station is one of eight Science Stations about Earth's Spheres and Systems. The following pages give information about ALL of the science stations in the unit bundle.

Standard	Objective	Materials
S-ESS2-1, (ELA) SL.4.2	Students will watch a video about the geosphere and biosphere or a video about the hydrosphere and the atmosphere. Students will answer questions in order to reinforce what they have learned.	Computer / Device Student Direction Card Response Sheet or Task Cards Science Journal (optional)

Watch a Video Table of Contents

Science Station	Page
Teacher Notes	p. 3
Links to Google Forms	p. 9
Four Spheres Part 1	p. 10
Four Spheres Part 2	p. 20
Answer Key	p. 30

The links in the resource are for videos hosted on many different websites. We are doing our best to keep up with the ever-changing online environment. Sometimes links may not work. Please leave a Q&A and let us know when a video does not work. We check ALL links yearly, but depend on teachers' usage to let us know if a link does not work throughout the year.


Watch a Video

- ☐ Computer / Device
- ☐ Student Direction Card
- ☐ Response Sheet or Task Cards
- ☐ Science Journal (optional)

Table of Contents

Science Station Overview

Materials Checklist

Teacher Notes/Table of Contents

WHAT'S INCLUDED

WATCH SCIENCE STATION

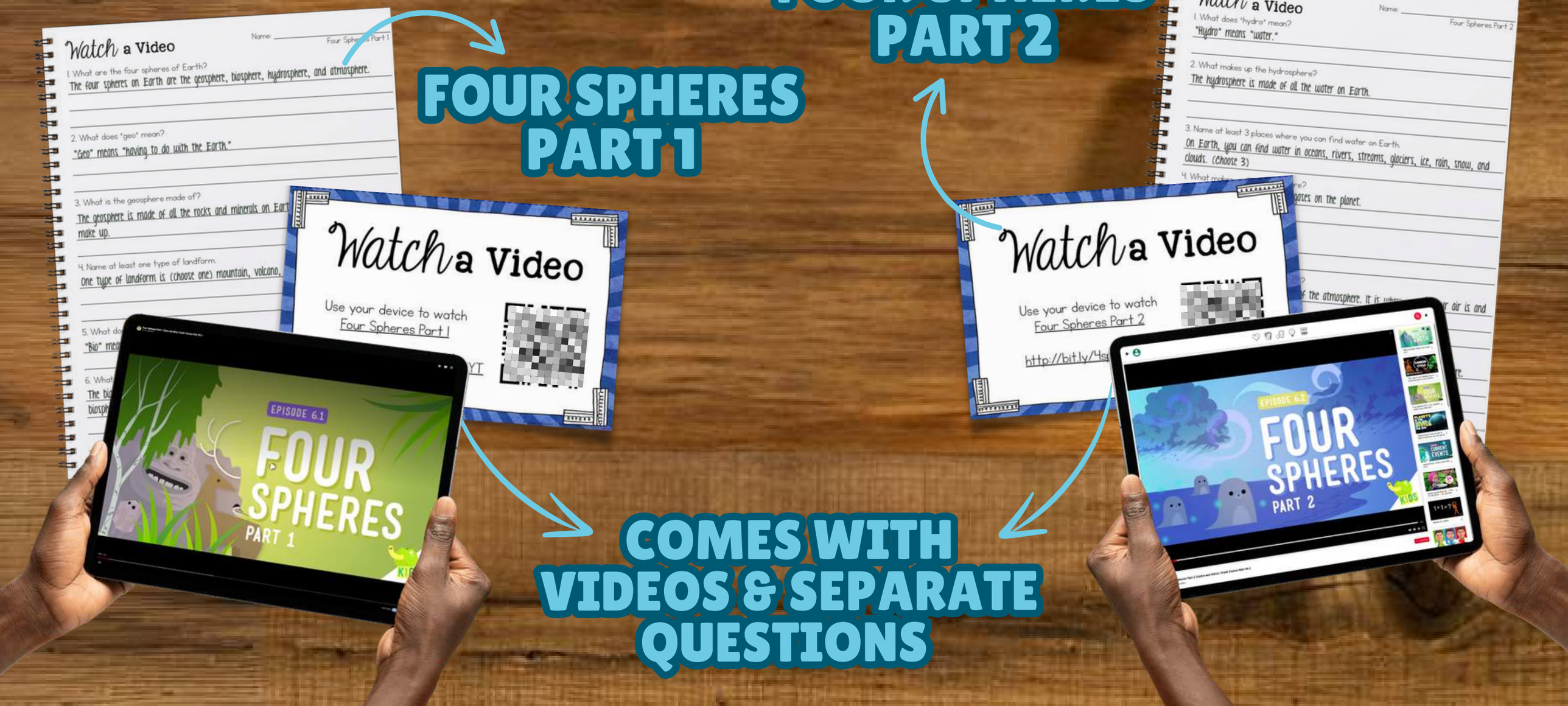
- **Links to three Videos** (with QR Codes)
- **Differentiated Questions** for each video
- **Answer Key**
- **Google Forms™** with Differentiated Questions and Links to the Videos



WATCH A VIDEO

FOUR SPHERES PART 1

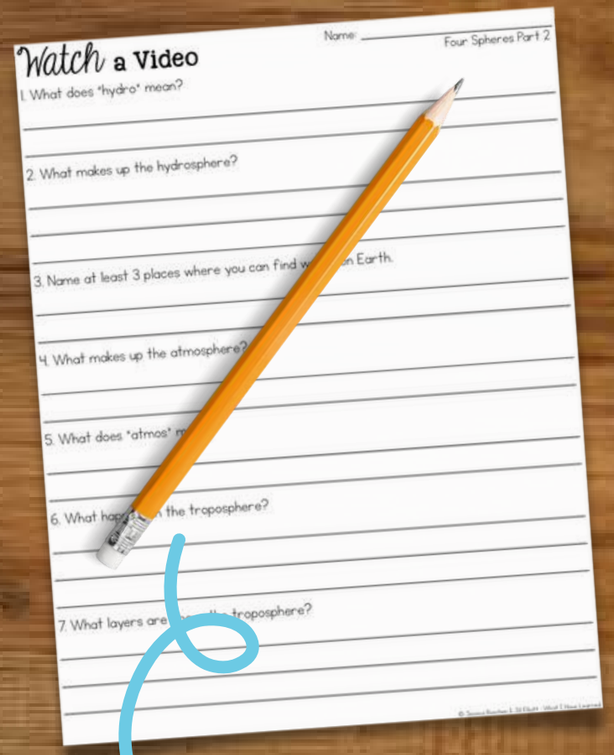
FOUR SPHERES PART 2

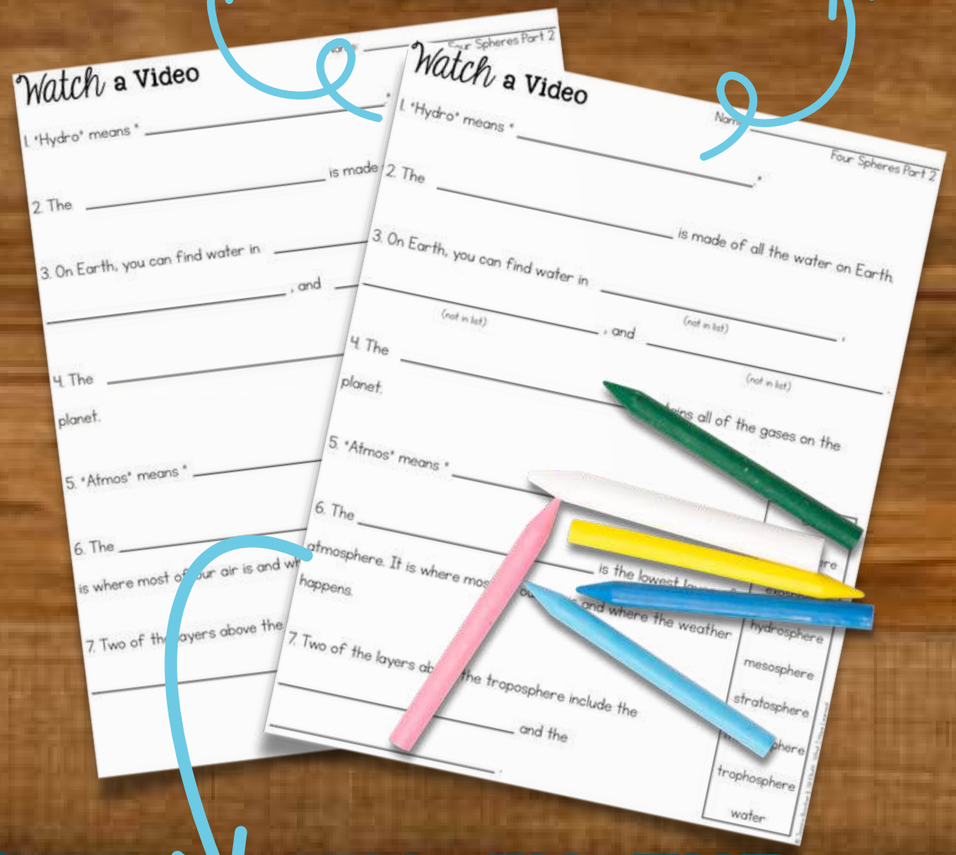


COMES WITH VIDEOS & SEPARATE QUESTIONS

DIFFERENTIATED QUESTIONS

WITH AND WITHOUT A WORD BANK







SHORT ANSWER

FILL-IN-THE BLANK

TASK CARDS: SHORT ANSWER & MULTIPLE CHOICE

Four Spheres Part 1

Watch a Video

What does "geo" mean?

#2

Four Spheres Part 1

#1 Watch a Video

Which of these is NOT a sphere of Earth?

a. Geosphere
b. Mathosphere
c. Hydrosphere
d. Atm

Four Spheres Part 1

#5 Watch a Video

What does "bio" mean?

a. Having to do with the Earth
b. Having to do with water
c. Things that are part of the air
d. Life and living things

ADD TO CART

Name: _____ Four Spheres Part 1

Watch a Video

1. The four spheres on Earth are the geosphere, biosphere, hydrosphere, and atmosphere.
2. "Geo" means "having to do with the Earth."
3. The _____sphere is made of all the rocks and minerals on Earth and the landforms tha… make up.
4. One type of landform is (choose one) …ntain, volcano, canyon, beach, etc.
5. "Bio" means "life."
6. The biosphere is made of all the biomes or living things on Earth.

Multiple choice

1. D
6. C



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Watch a Video

Use your device to watch
Four Spheres Part 1





DIGITAL VERSIONS







DIGITAL VERSIONS

- ✔ Google Sheet with Activity & Directions
- ✔ Google Form with Reading & Questions

Answer keys provided

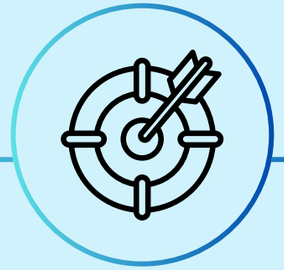
ADD TO CART

YOU WILL LOVE THIS BECAUSE



Video Engagement

Students stay focused and interested while learning four spheres of the earth through high-quality videos paired with meaningful, standards-aligned comprehension activities.



Saves Teachers Valuable Prep Time

Everything is organized, differentiated, and ready to use, helping teachers deliver engaging NGSS-aligned lessons with minimal preparation.



Integrates Science + Literacy Skills

Combines reading comprehension, evidence-based reasoning, and science content to support cross-curricular learning in one easy resource.

TEACHERS LOVE IT!

★★★★★

Great addition to my science unit. Thanks for a great resource.

Amanda C.

★★★★★

My students were engaged and enjoyed all the materials provided to help them understand Earth Systems and reinforce their knowledge.

Amy L.





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My passion is making learning accessible to all students.
I love scaffolding learning, breaking down the concepts and building them up so that students can see the connections.
I love figuring out the small components that build up to the big ideas and helping students see it all.





What I have LEARNED