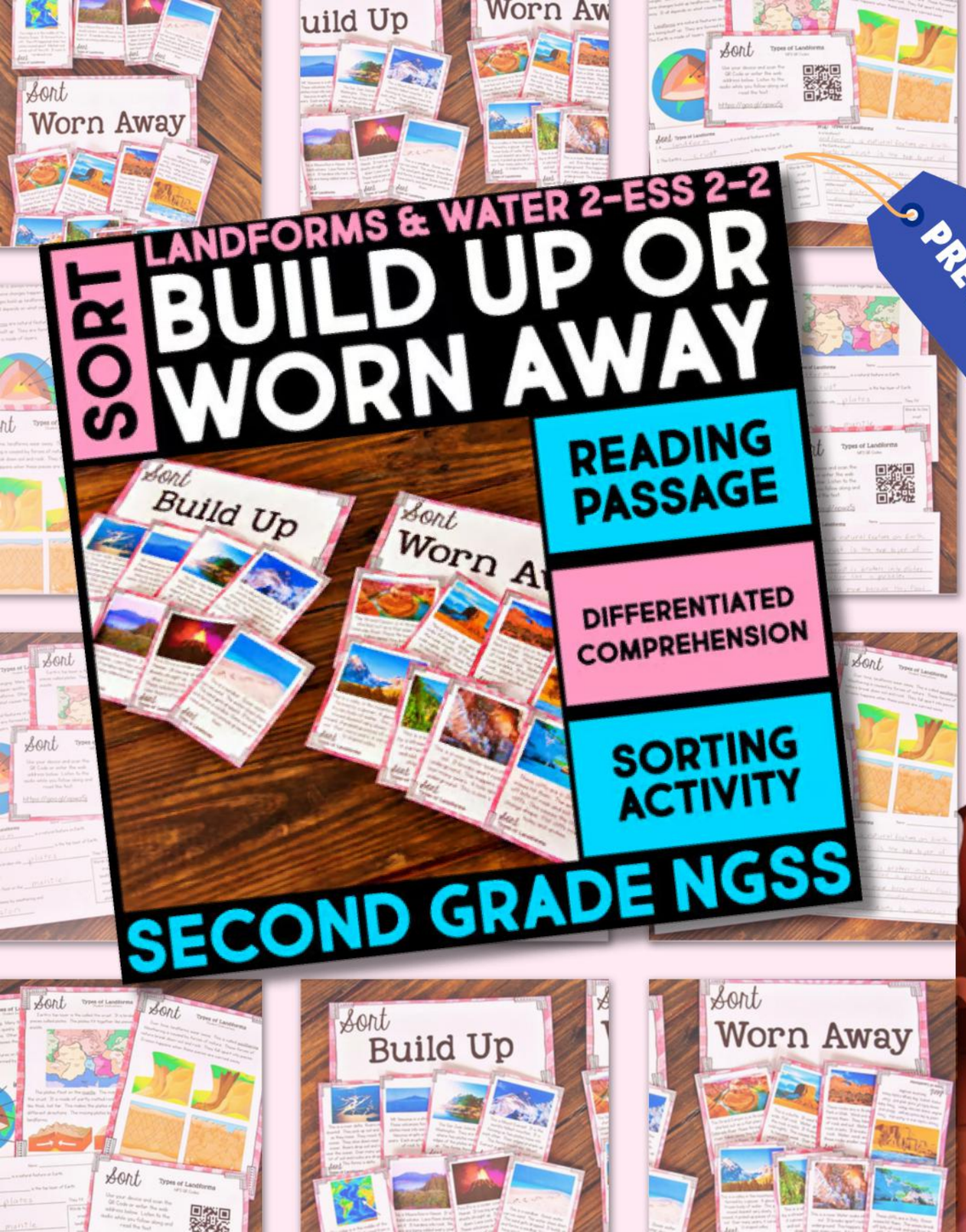


Let's Sort and Find Out!

2ND GRADE

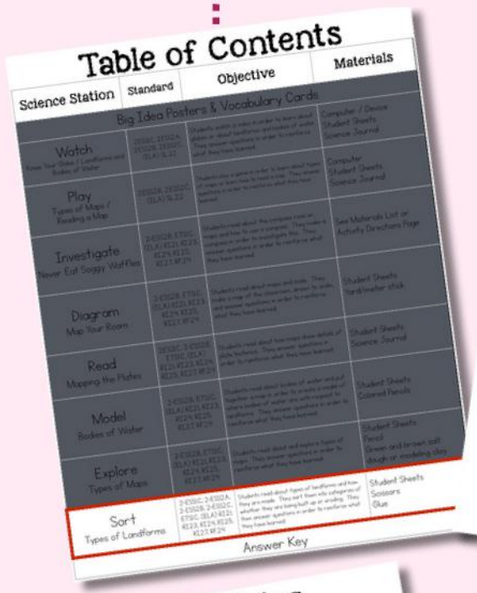
SORT

BUILD UP OR WORN AWAY

KEEP SCROLLING TO SEE WHAT'S INSIDE!

ACTIVITY OVERVIEW




Table of Contents

Science Station	Standard	Objective	Materials
Big Idea Posters & Vocabulary Cards			
Watch			Computer / Device, Student Sheets, Science Journal
Play			Computer, Student Sheets, Science Journal
Investigate			See Materials List or Activity Directions Page
Diagram			Student Sheets, Landform stick
Read			Student Sheets, Science Journal
Model			Student Sheets, Colored Pencils
Explore			Student Sheets, Pencil, Brown and Green pail (dough or modeling clay)
Sort			Student Sheets, Scissors, Glue
Answer Key			


Science Stations Overview

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

Play a Video Game
Students play an online video game and answer questions about the experience. You have the option of the included worksheet with the questions or use task cards and have 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.

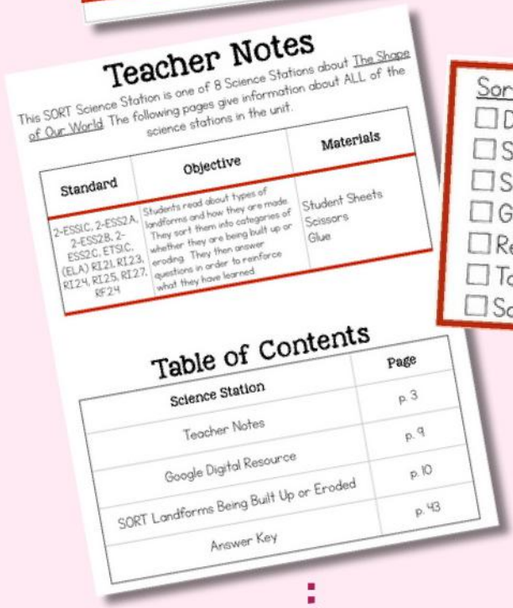
Draw a Diagram
Students draw and label a diagram specific to certain requirements. Students then explain how their diagram meets the requirements.

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 the included worksheet with the questions or use task cards and have 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 the included worksheet with the questions or use task cards and have students respond in their science journals.

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

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


Teacher Notes

This SORT Science Station is one of 8 Science Stations about The Shape of Our World. The following pages give information about ALL of the science stations in the unit.

Standard	Objective	Materials
2-ESS1C, 2-ESS2.A, 2-ESS2.B, 2-ESS2C, ETS1C, (ELA) RI.2.1, RI.2.3, RI.2.4, RI.2.5, RI.2.7, RF.2.4	Students read about types of landforms and how they are made. They sort them into categories of whether they are being built up or eroding. They then answer questions in order to reinforce what they have learned.	Student Sheets, Scissors, Glue

Table of Contents

Science Station	Page
Teacher Notes	p. 3
Google Digital Resource	p. 9
SORT Landforms Being Built Up or Eroded	p. 10
Answer Key	p. 43

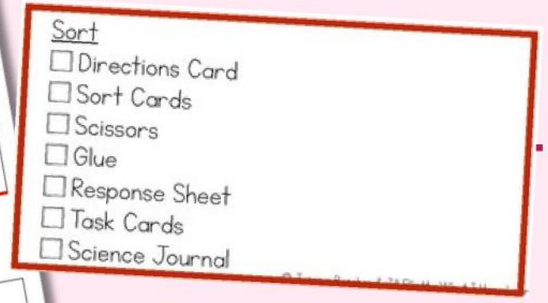

Sort
- ☐ Directions Card
- ☐ Sort Cards
- ☐ Scissors
- ☐ Glue
- ☐ Response Sheet
- ☐ Task Cards
- ☐ Science Journal

Table of Contents

Background Information

Materials Checklist

Teacher Notes/ Table of Contents

WHAT'S INCLUDED SORTING SCIENCE STAION

- **Student Text** in two formats
- **MP3** Audio Read-Aloud
- Sorting Activity with **color cards**
- Sorting Activity in a **b&w worksheet**
- Differentiated **Questions**
- Answer Key
- Google Form™
- Google Slides™ with Sort Activity



SORT: READING PASSAGE

Sort

Types of Landforms

Student Instructions

Earth's top layer is the called the crust. It is broken into pieces called plates. The plates fit together like pieces of a puzzle.

The plates float on the **mantle**. The mantle is the layer below the crust. It is made of partly melted rock. The mantle moves like thick, hot tar. This makes the plates move. Plates move in different directions. The moving plates build up many types of landforms.

Over time, landforms wear away. This is called **weathering**. Weathering is caused by forces of nature. These forces of nature break down soil and rock. They fall apart into pieces. Erosion happens when these pieces are carried away.

Landforms are natural features on Earth. Many landforms are being built up. They are formed by forces deep inside Earth. The Earth is made of layers.

inner core

outer core

mantle

crust

Types of Landforms

Name: _____

Over time, landforms wear away. This is called **weathering**. Weathering is caused by forces of nature. These forces of nature break down soil and rock. They fall apart into pieces. Erosion happens when these pieces are carried away.

p. 4

READING PASSAGE IN FOUR FORMATS

ENGAGING ACTIVITY & WORKSHEETS



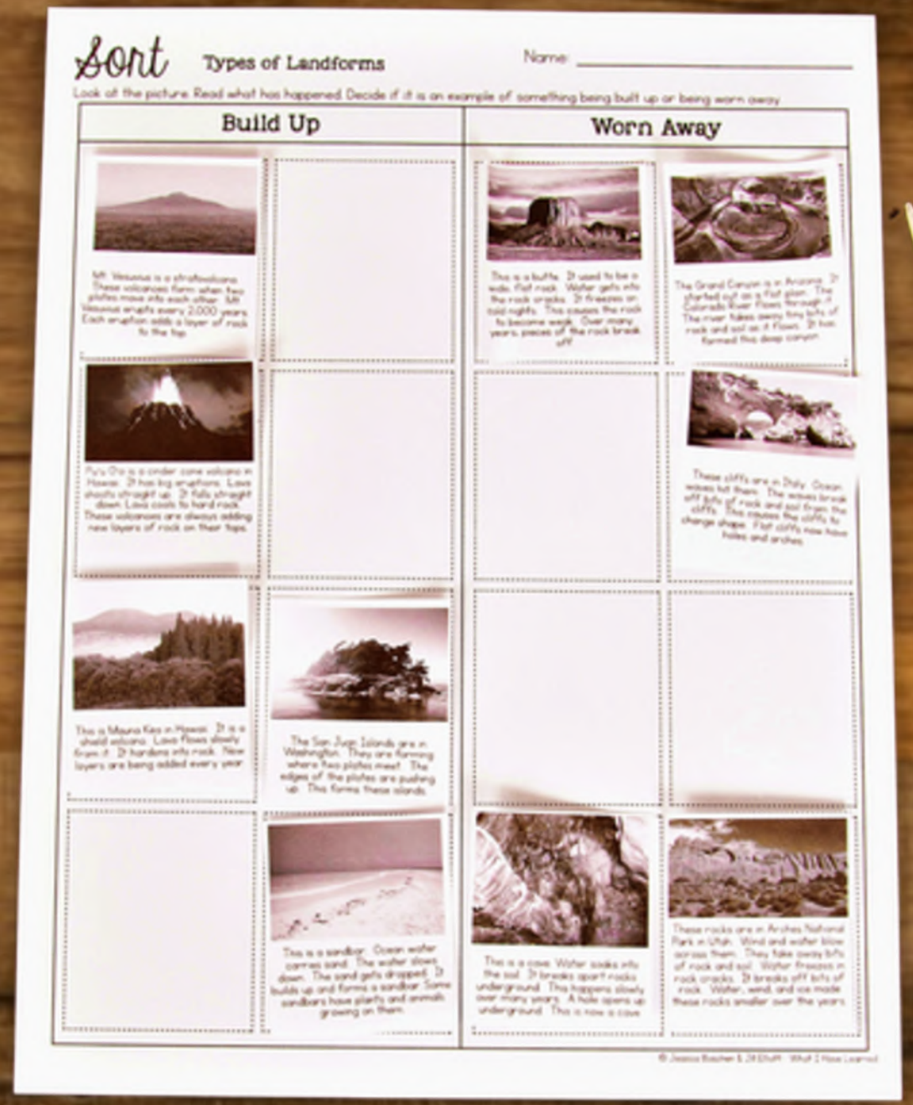


ENGAGING ACTIVITY & WORKSHEETS

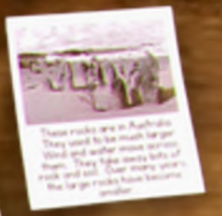












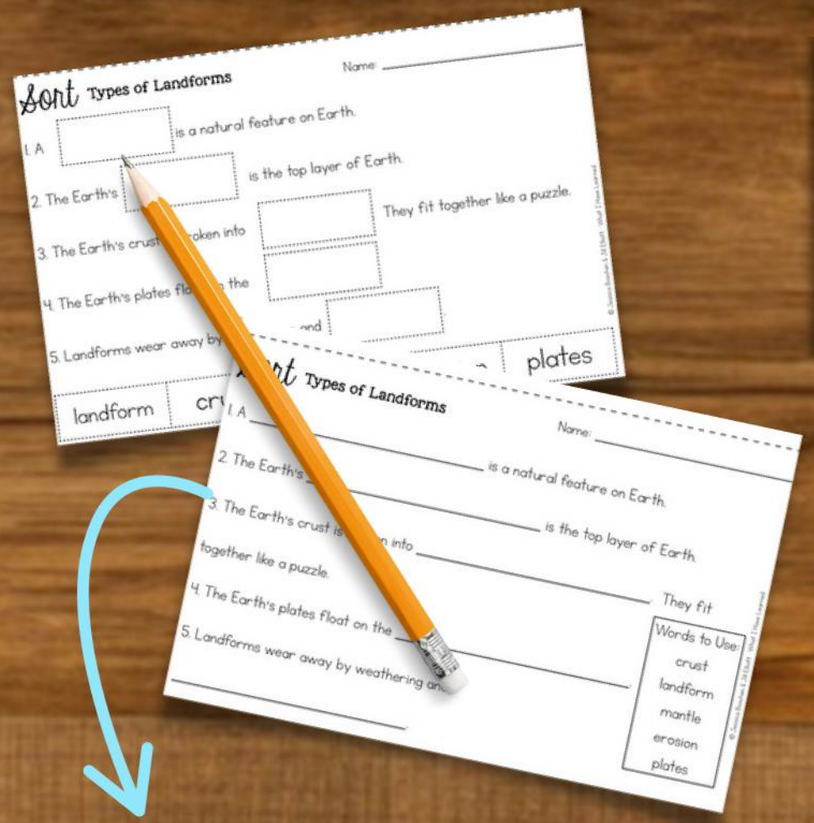




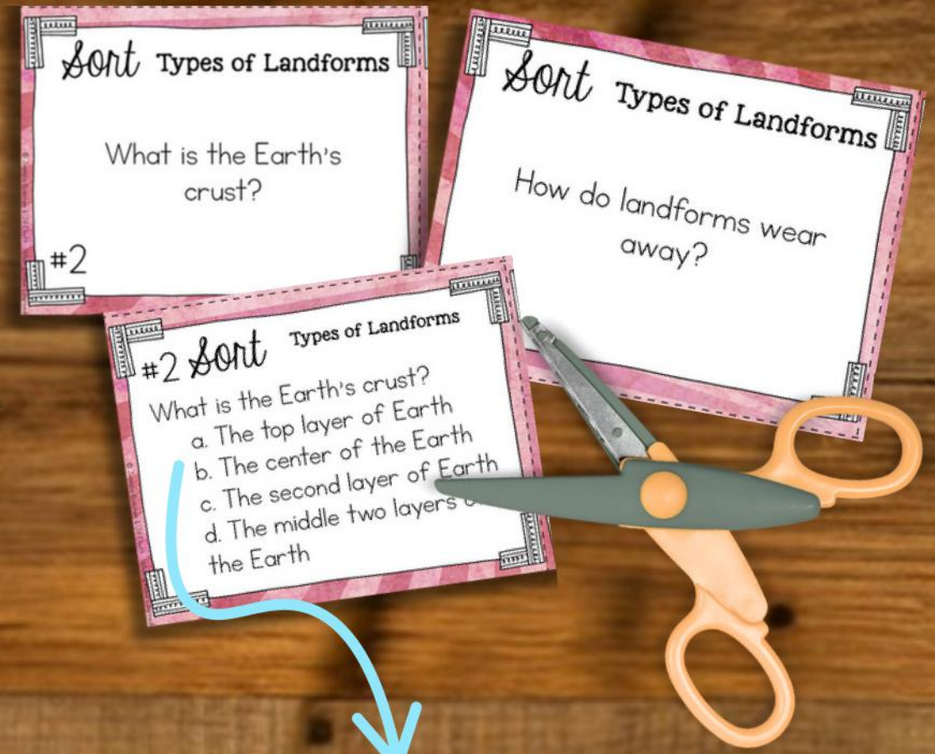
DIFFERENTIATED QUESTIONS



SHORT ANSWER



FILL-IN-THE BLANK



TASK CARDS: SHORT ANSWER & MULTIPLE CHOICE

Sort

Types of Landforms

Student Instructions

Earth's top layer is the called the crust. It is broke
pieces called plates. The plates fit together like pieces
puzzle.



Sort

Types of Landforms

Student Instructions

Over time, landforms wear away. This is called weathering
Weathering is caused by forces of nature. These forces of
nature break down soil and rock. They fall apart into pieces
Erosion happens when these pieces are carried away



Sort

Types of Landforms

MP3 QR Codes

Use your device and scan the QR Code or enter the web address below. Listen to the audio while you follow along and read the text.

[redacted]









Sort Types of Landforms

Name _____

1. A landform is a natural feature on Earth.
2. The Earth's crust is the top layer of Earth.
3. The Earth's crust is broken into plates. They fit together like a puzzle.
4. The Earth's plates float on the mantle.
5. Landforms wear away by weathering and erosion.

Words to Use
crust
landform
mantle
erosion
plates

Types of Landforms

is a landform?
landform is a natura
the Earth's crust?
Earth's crust is t
n.
Earth's crust like a puzzle?
Earth's crust is b
fit together like a puzzle.
plates move?
Earth's plates move because they float
mantle, which moves.
rms wear away?
forms wear away by weathering
rosion.

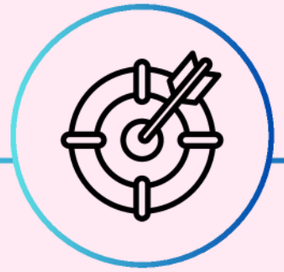
MP3 AUDIO

YOU WILL LOVE THIS BECAUSE



Makes Geography Hands-On & Fun

Students actively explore real-world map types, making abstract geography concepts concrete and engaging.



Supports All Learning Styles

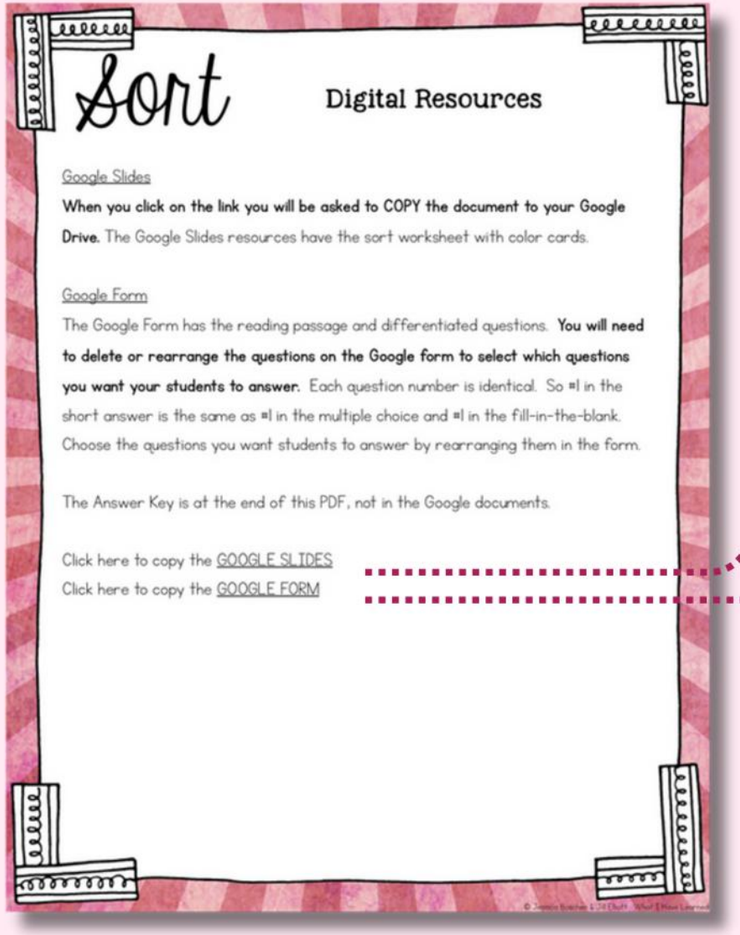
Multiple text formats, audio read-aloud, and differentiated responses meet every student's learning needs.

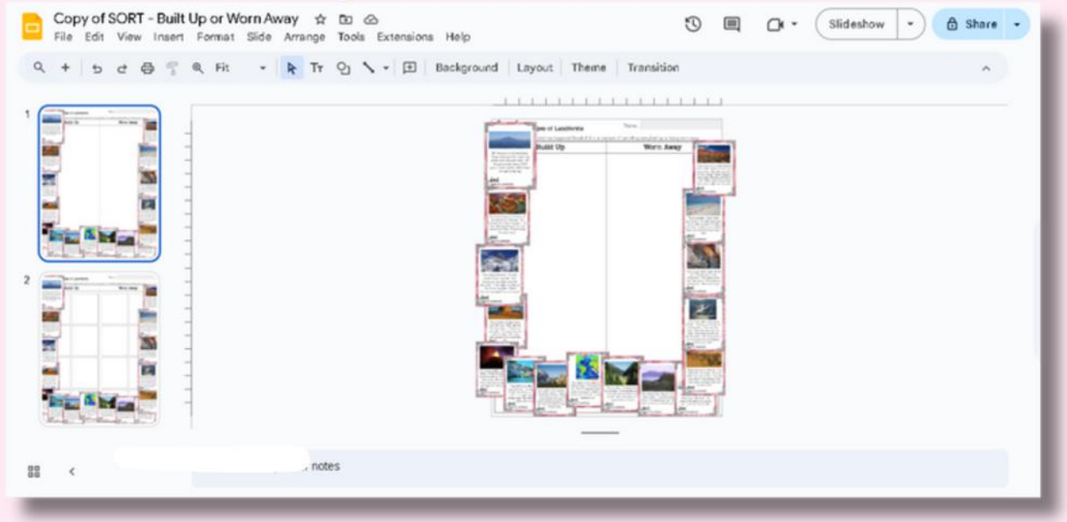


Builds Key Map Skills

Helps students understand symbols, map keys, and purposes of different map types with practical application.

DIGITAL VERSIONS







DIGITAL VERSIONS

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

Answer keys provided

TEACHERS LOVE IT!

This correlated perfectly with our landform study! Awesome resource.

Meridith G.



The students enjoyed the activities! They loved the hands on activities and the discussions that they helped encourage! It made my job as a teacher easy, very well planned.

MTK



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.



teach MATH | teach SCIENCE | teach READING | teach WRITING

What I have LEARNED