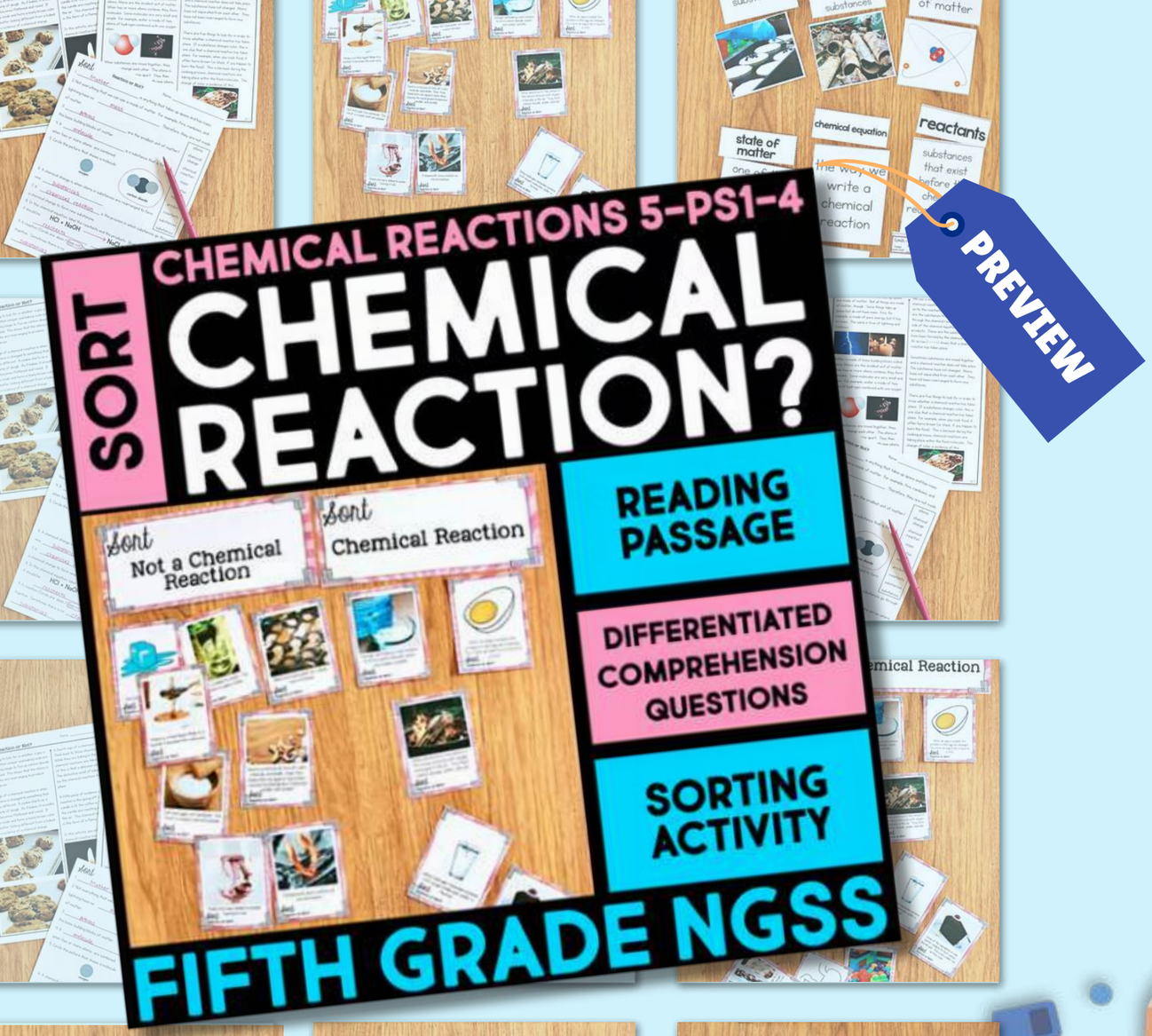




Physical or Chemical?
Let's Decide.

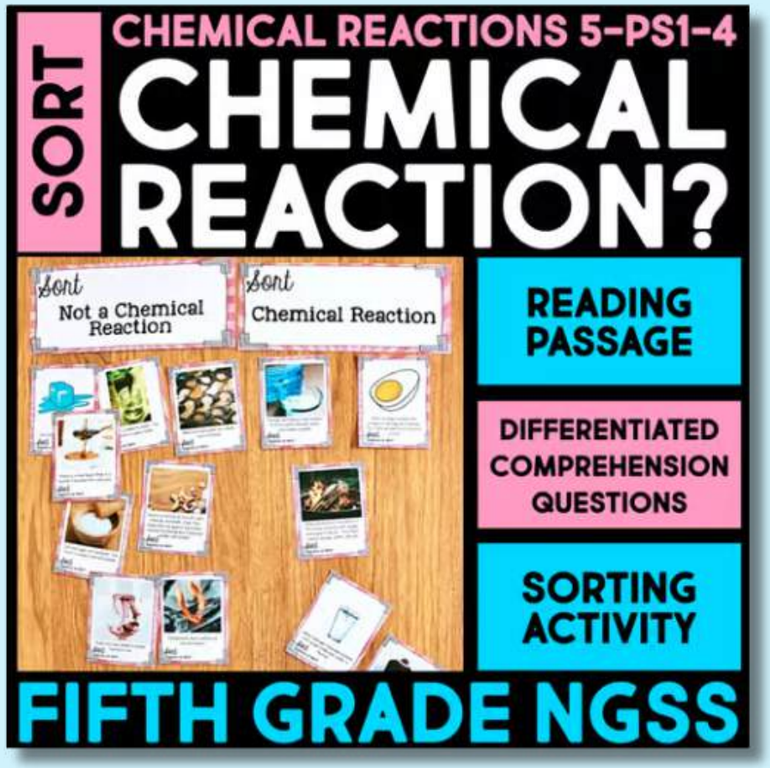
5TH GRADE

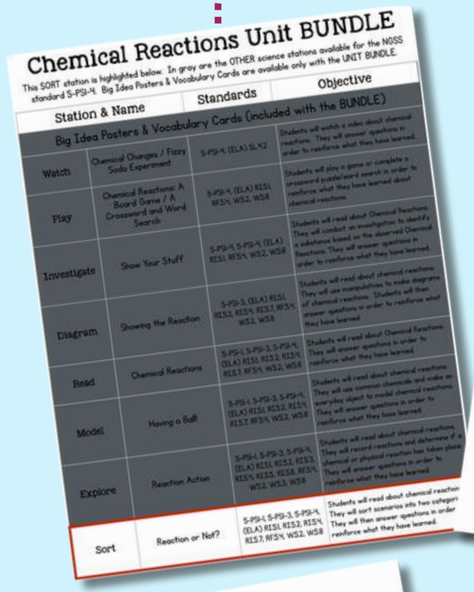
SORT CHEMICAL REACTION?

CHEMICAL REACTIONS

KEEP SCROLLING TO SEE WHAT'S INSIDE!

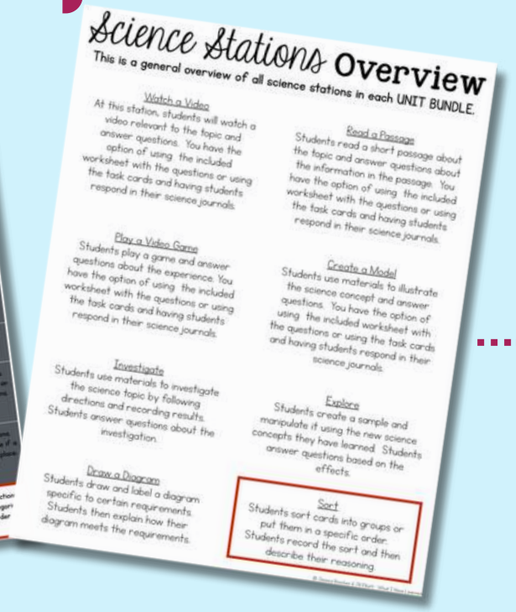
ACTIVITY OVERVIEW




Chemical Reactions Unit BUNDLE

This SORT station is highlighted below. In gray are the OTHER science stations available for the NGSS standard 5-PS1-4. 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	Chemical Changes / Fizzy Soda Experiment	5-PS1-4, (ELA) SL.4.2	Students will watch a video about chemical reactions. They will answer questions in order to reinforce what they have learned.
Play	Chemical Reactions: A Board Game / A Crossword and Word Search	5-PS1-4, (ELA) RI.5.1, RF.5.4, WS.2, WS.8	Students will play a game or complete a crossword puzzle/word search in order to reinforce what they have learned about chemical reactions.
Investigate	Show Your Stuff	5-PS1-4, 5-PS3-4, (ELA) RI.5.1, RF.5.4, WS.2, WS.8	Students will read about Chemical Reactions. They will conduct an investigation to identify a substance based on the observed Chemical Reactions. They will answer questions in order to reinforce what they have learned.
Diagram	Showing the Reaction	5-PS1-3, (ELA) RI.5.1, RI.5.3, RI.5.5, RI.5.7, RF.5.4, WS.2, WS.8	Students will read about chemical reactions. They will use manipulatives to make diagrams of chemical reactions. Students will then answer questions in order to reinforce what they have learned.
Read	Chemical Reactions	5-PS1-1, 5-PS1-2, 5-PS1-4, (ELA) RI.5.1, RI.5.2, RI.5.4, RI.5.7, RF.5.4, WS.2, WS.8	Students will read about Chemical Reactions. They will answer questions in order to reinforce what they have learned.
Model	Having a Ball	5-PS1-4, 5-PS1-3, 5-PS1-4, (ELA) RI.5.1, RI.5.2, RI.5.4, RI.5.7, RF.5.4, WS.2, WS.8	Students will read about chemical reactions. They will use common chemicals and make an everyday object to model chemical reactions. They will answer questions in order to reinforce what they have learned.
Explore	Reaction Action	5-PS1-1, 5-PS1-3, 5-PS1-4, (ELA) RI.5.1, RI.5.2, RI.5.3, RI.5.4, RI.5.5, RI.5.8, RF.5.4, WS.2, WS.3, WS.8	Students will read about chemical reactions. They will record reactions and determine if a chemical or physical reaction has taken place. They will answer questions in order to reinforce what they have learned.
Sort	Reaction or Not?	5-PS1-4, 5-PS1-3, 5-PS1-4, (ELA) RI.5.1, RI.5.2, RI.5.4, RI.5.7, RF.5.4, WS.2, WS.8	Students will read about chemical reactions. They will sort scenarios into two categories. 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.

Play a Video 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.

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

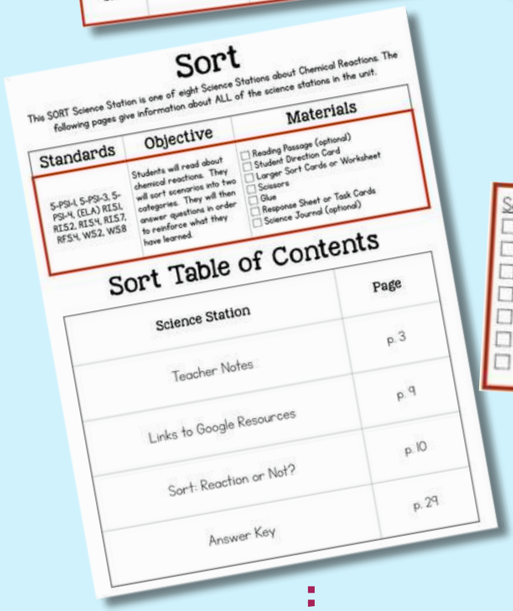
Draw a Diagram
Students draw and label a diagram specific to certain requirements. Students then explain how their diagram meets the requirements.

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 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.

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.


Sort

This SORT Science Station is one of eight Science Stations about Chemical Reactions. The following pages give information about ALL of the science stations in the unit.

Standards	Objective	Materials
5-PS1-4, 5-PS1-3, 5-PS1-4, (ELA) RI.5.1, RI.5.2, RI.5.4, RI.5.7, RF.5.4, WS.2, WS.8	Students will read about chemical reactions. They will sort scenarios into two categories. They will then answer questions in order to reinforce what they have learned.	☐ Reading Passage (optional) ☐ Student Direction Card ☐ Larger Sort Cards or Worksheet ☐ Scissors ☐ Glue ☐ Response Sheet or Task Cards ☐ Science Journal (optional)

Sort Table of Contents

Science Station	Page
Teacher Notes	p. 3
Links to Google Resources	p. 9
Sort: Reaction or Not?	p. 10
Answer Key	p. 29

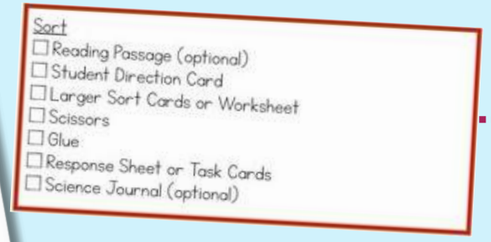

Sort
☐ Reading Passage (optional)
☐ Student Direction Card
☐ Larger Sort Cards or Worksheet
☐ Scissors
☐ Glue
☐ Response Sheet or Task Cards
☐ Science Journal (optional)

Table of Contents

Background Information

Materials Checklist

Teacher Notes/ Table of Contents

WHAT'S INCLUDED

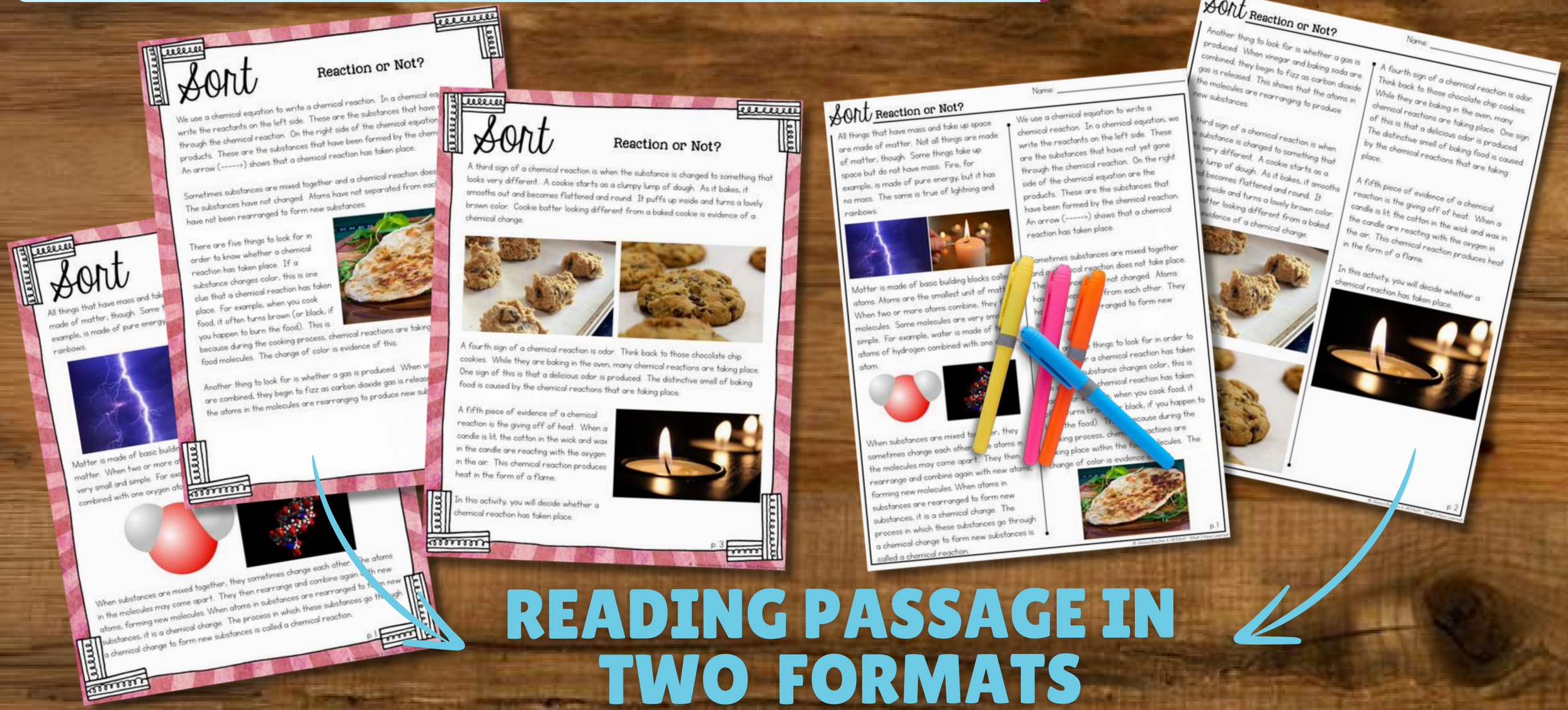
SORTING SCIENCE STAION

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

ADD TO CART

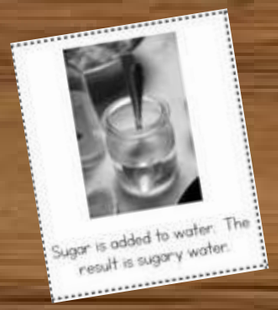


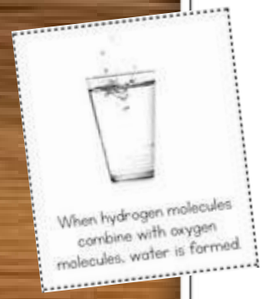
SORT: READING PASSAGE



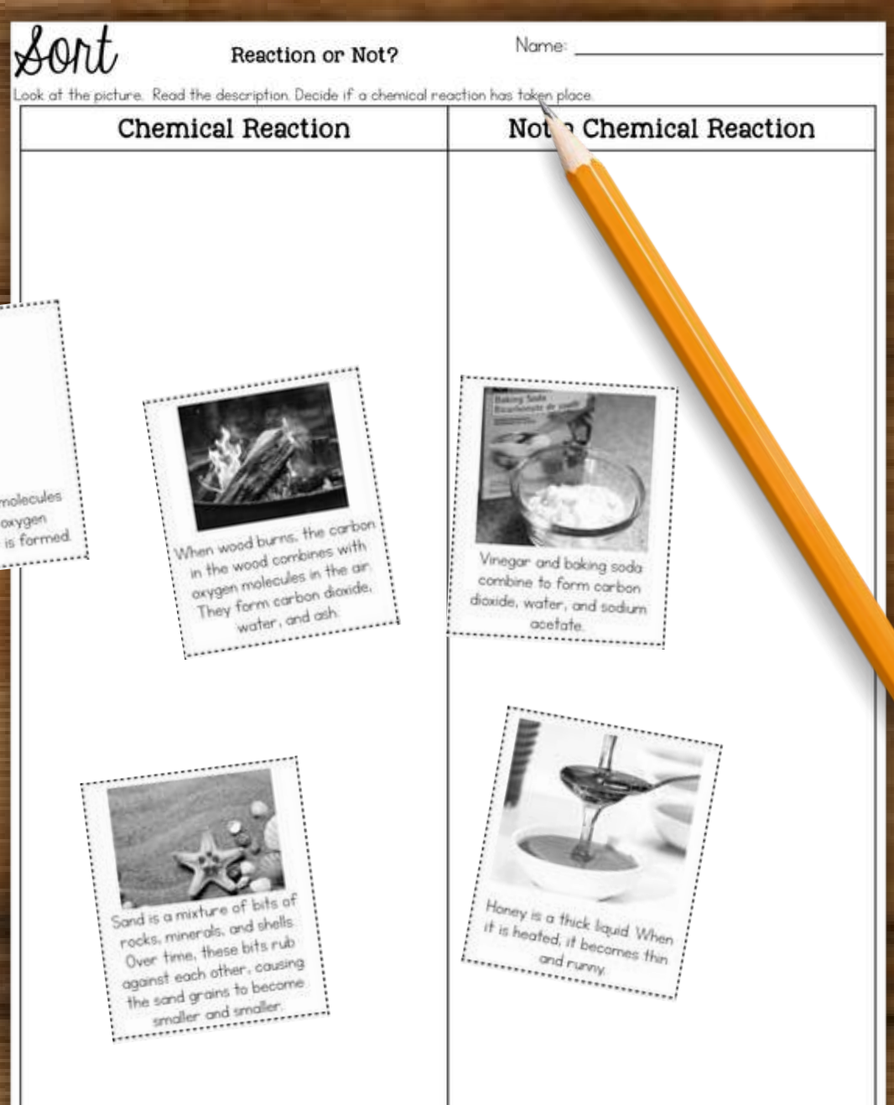
READING PASSAGE IN TWO FORMATS

ENGAGING ACTIVITY & WORKSHEETS



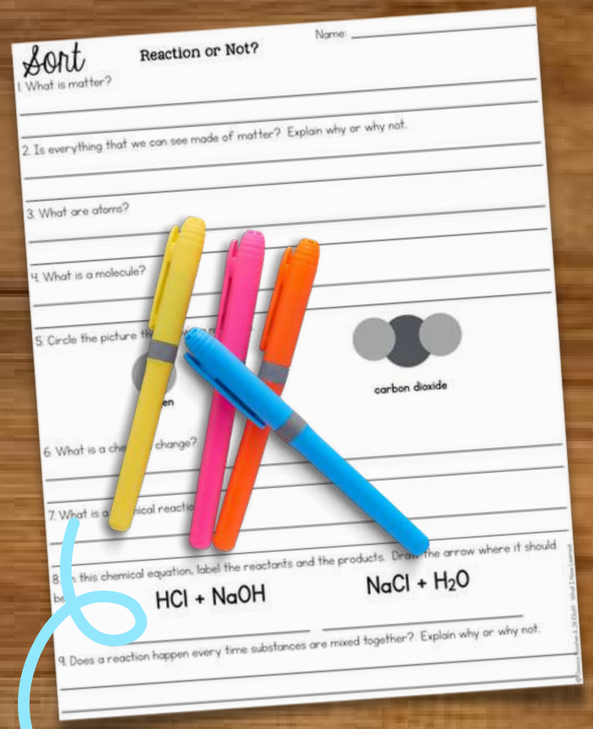








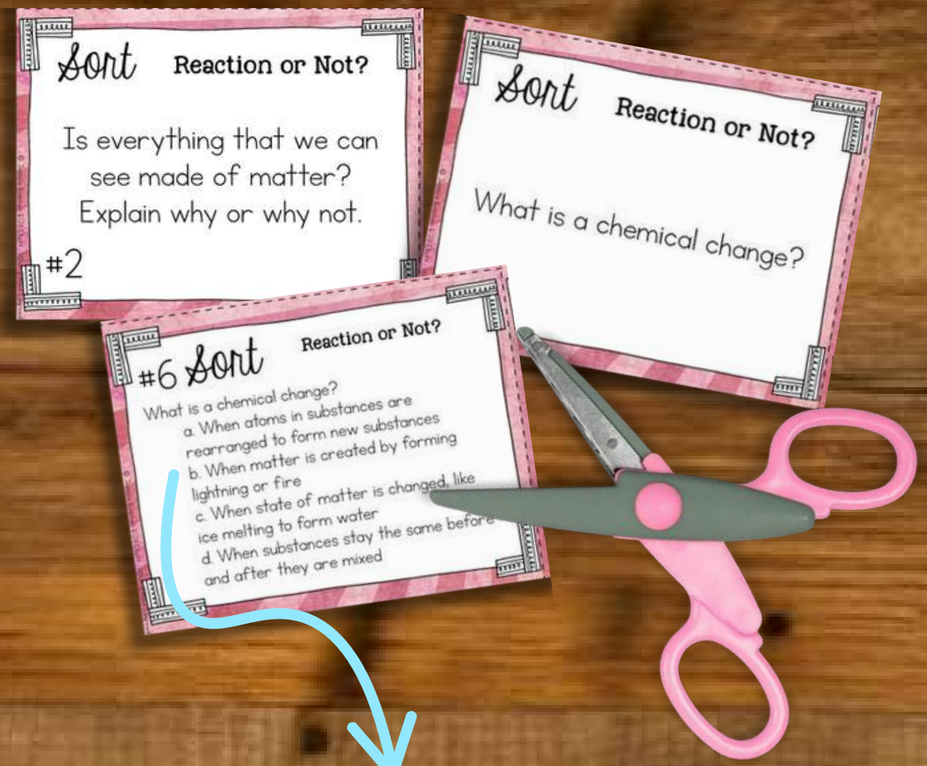
DIFFERENTIATED QUESTIONS



SHORT ANSWER



FILL-IN-THE BLANK



TASK CARDS: SHORT ANSWER & MULTIPLE CHOICE

Sort

Not a Chemical Reaction

Sort

Chemical Reaction



YOU WILL LOVE THIS BECAUSE



Engaging and Interactive

Hands-on sorting activity keeps students actively involved while reinforcing important science vocabulary and concepts.



Strong NGSS Alignment

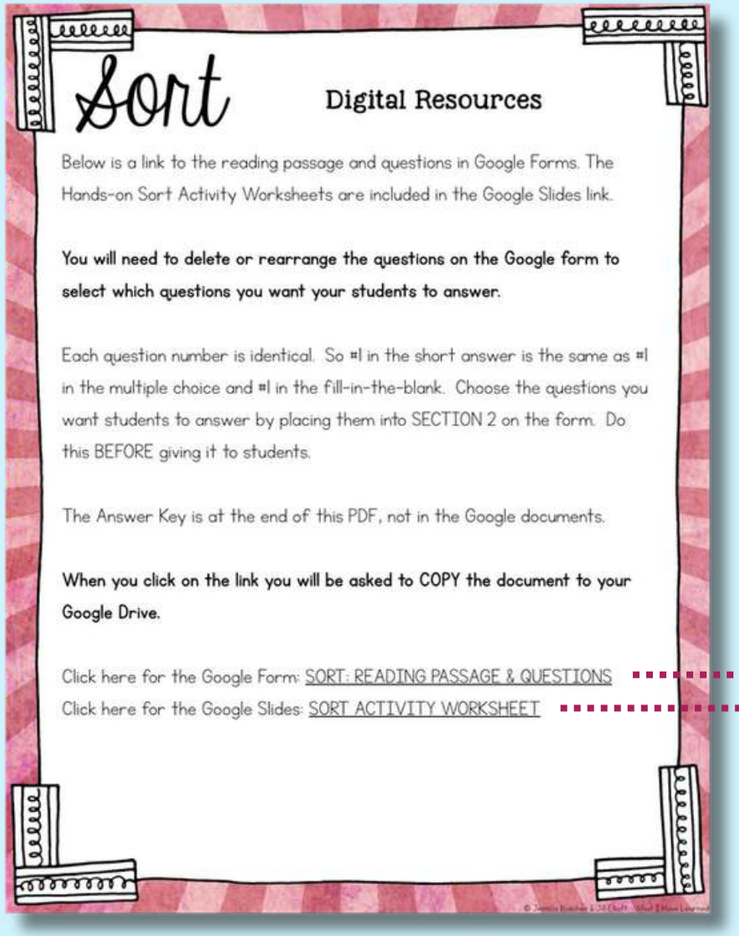
Directly supports 5-PS1-2 and 5-PS1-3 through reading, sorting, analyzing, and evidence-based reasoning.

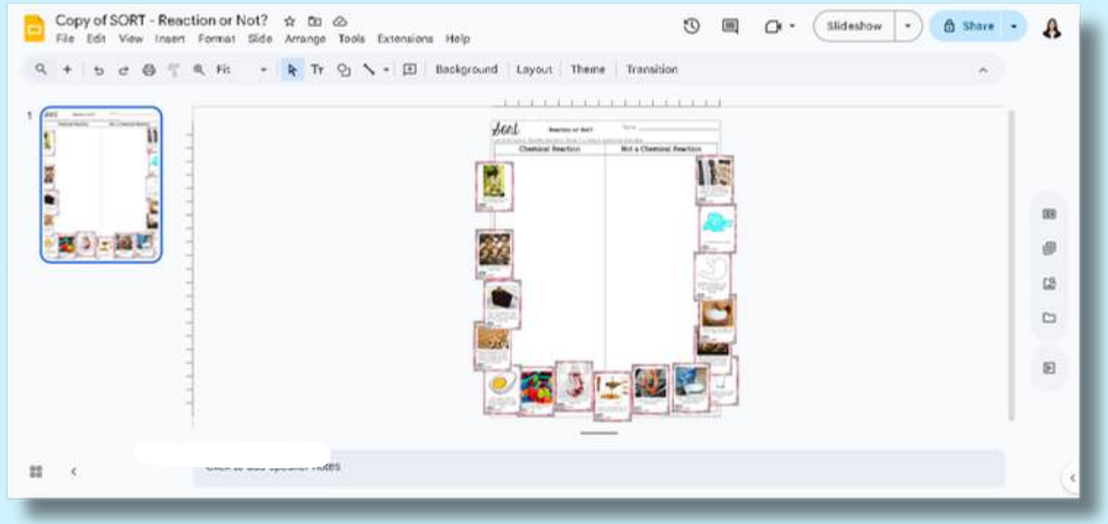


Easy Prep, Maximum Impact

Print or assign digitally with minimal preparation while maintaining rigorous, standards-aligned science instruction.

DIGITAL VERSIONS







DIGITAL VERSIONS

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

Answer keys provided

TEACHERS LOVE IT!

I had my students do this assignment with a substitute teacher. Great article to introduce chemical reactions. My students seemed to enjoy it!

Liz P.

like the multiple learning experiences this resource offers. My fifth graders learned a lot with this resource, it gave them multiple opportunities to practice what they learned.

Gretchen L.





CLICK HERE TO ADD THIS RESOURCE TO YOUR CART:

ADD TO CART

Check out securely
Download instantly

Leave a Review
to earn Reward Points
to get more resources!

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