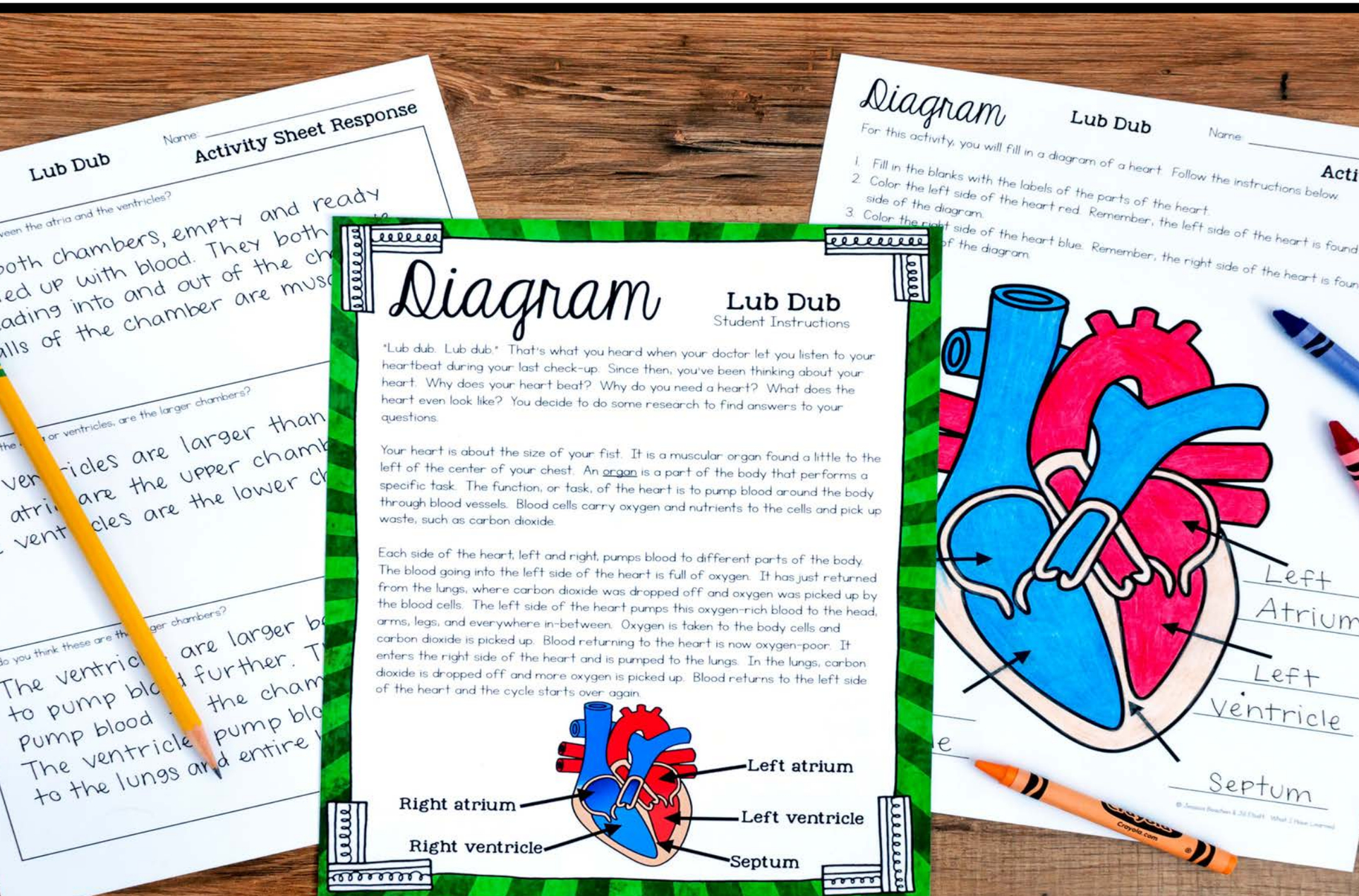
CCSS & NGSS ALIGNED SCIENCE UNITS

88 STATIONS

4th GRADE SCIENCE



11 SCIENCE TOPICS ALL STANDARDS

TRANSFER OF ENERGY & FORCES

ENERGY

10 STATIONS
POSTERS
LABS
PASSAGES
DIFFERENTIATED
VIDEOS & GAMES



FOURTH GRADE 4-PS3.A-D & ETS1.A

HOW ORGANISMS LIVE, BEHAVE, REPRODUCE, AND GROW

STRUCTURE & FUNCTION

8 STATIONS
POSTERS
LABS
PASSAGES
DIFFERENTIATED
VIDEOS & GAMES



FOURTH GRADE 4-LS1.A

MAKING SENSE OF THE WORLD

INFORMATION PROCESSING

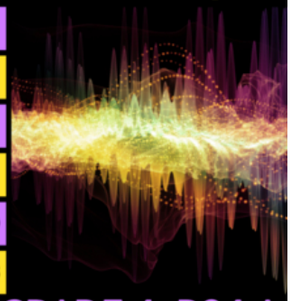
8 STATIONS
POSTERS
LABS
PASSAGES
DIFFERENTIATED
VIDEOS & GAMES



FOURTH GRADE NGSS 4LS1.D

PROPERTIES OF WAVES

8 STATIONS
POSTERS
LABS
PASSAGES
DIFFERENTIATED
VIDEOS & GAMES



FOURTH GRADE 4-PS4.A

IMAGES & VISION

PROPERTIES OF LIGHT

8 STATIONS
POSTERS
LABS
PASSAGES
DIFFERENTIATED
VIDEOS & GAMES



FOURTH GRADE NGSS 4-PS4.B

CODES COMMUNICATION & TECHNOLOGY

8 STATIONS
POSTERS
LABS
PASSAGES
DIFFERENTIATED
VIDEOS & GAMES

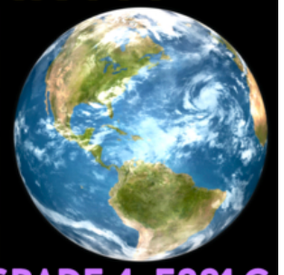


FOURTH GRADE NGSS 4-PS4.C

ROCKS, MOUNTAINS, FOSSILS

CHANGING EARTH

8 STATIONS
POSTERS
LABS
PASSAGES
DIFFERENTIATED
VIDEOS & GAMES



FOURTH GRADE 4-ESS1.C

WEATHERING & EROSION

12 STATIONS
POSTERS
LABS
PASSAGES
DIFFERENTIATED
VIDEOS & GAMES

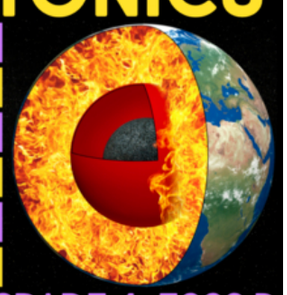


FOURTH GRADE ESS2.A & ESS2.E

EARTHQUAKES, VOLCANOS, & MOUNTAINS

PLATE TECTONICS

8 STATIONS
POSTERS
LABS
PASSAGES
DIFFERENTIATED
VIDEOS & GAMES



FOURTH GRADE 4-ESS2.B

NATURAL RESOURCES

8 STATIONS
POSTERS
LABS
PASSAGES
DIFFERENTIATED
VIDEOS & GAMES



FOURTH GRADE 4-ESS3.A

WILD WEATHER & SHIFTING PLATES

NATURAL HAZARDS

8 STATIONS
POSTERS
LABS
PASSAGES
DIFFERENTIATED
VIDEOS & GAMES



FOURTH GRADE NGSS ESS3.B

EIGHT STATIONS PER TOPIC

Watch · Play · Investigate · Diagram
Read · Model · Explore · Sort

SUGGESTED USES

Learning Stations
Use all eight stations or just a few as learning stations that students complete at their own pace.

Science Centers
Set up a rotation where students visit each center to complete the activities.

Whole Class
Use the activities in a whole class format.

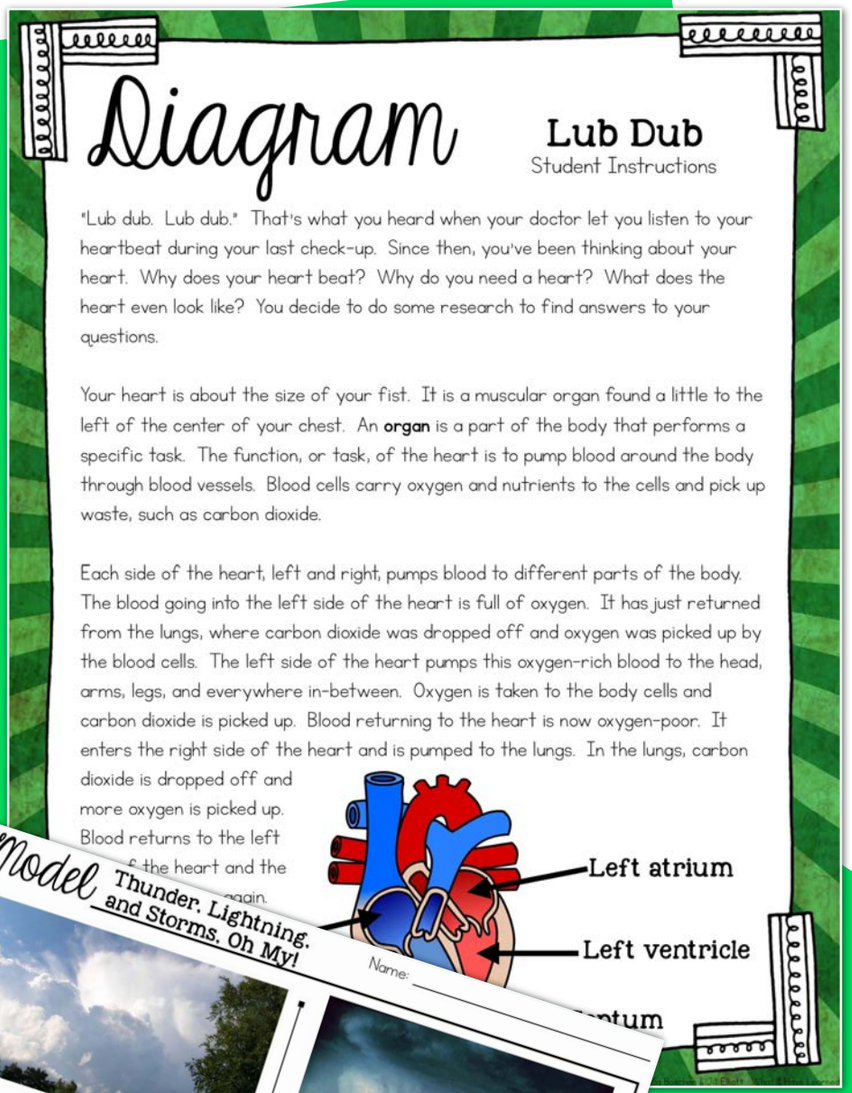
Small Group
Use the activities with a small group who need extra help.

TEACHER PREP

- ➡ Choose a topic and activities
- ➡ Choose which type of questions students will answer
- ➡ Set up the station using the included materials list
- ➡ Decide how students will complete the station
- ➡ Have students read the passage to build background knowledge (optional)
- ➡ Have students complete the stations using the included directions

READING PASSAGES

- ✓ 6 Reading Passages per Topic
- ✓ Provides all scientific background knowledge for each station
- ✓ Available in two formats

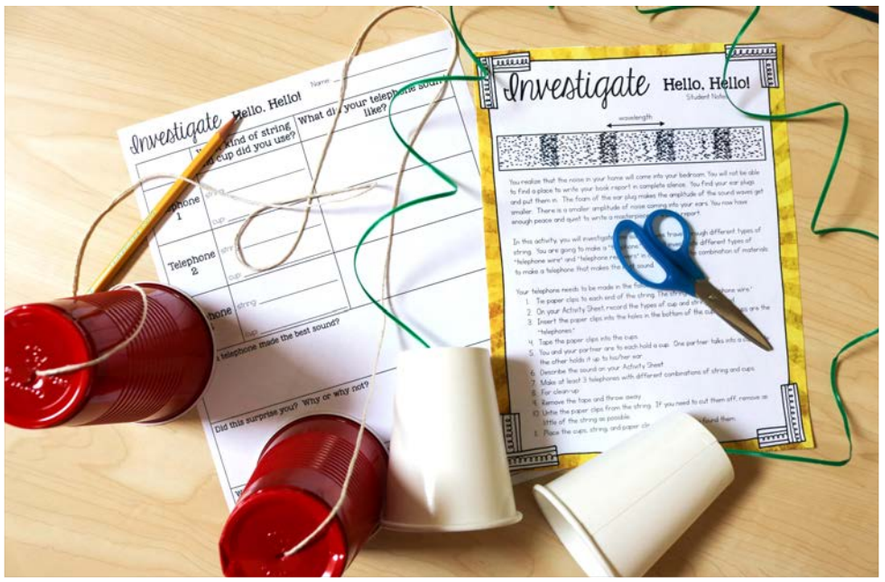




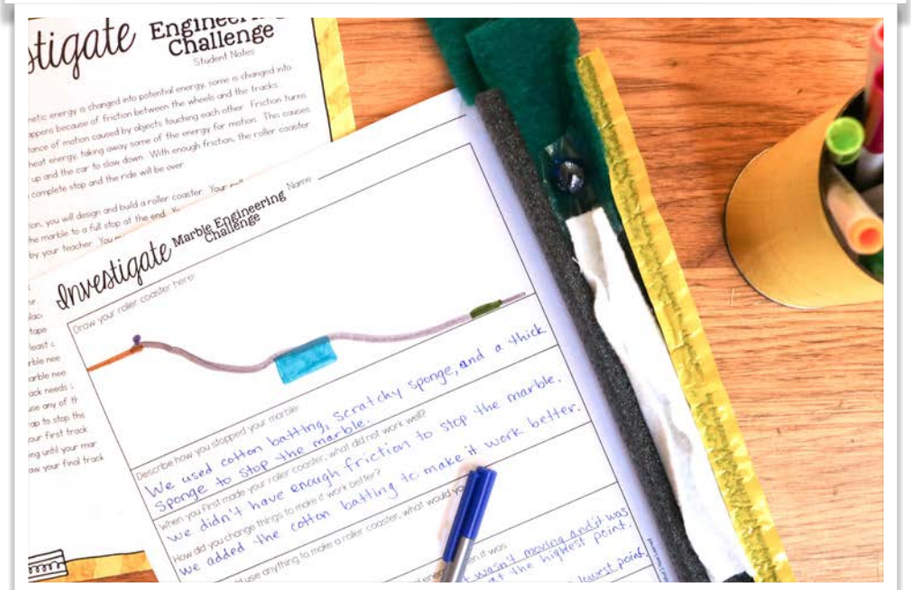


HANDS-ON ACTIVITIES

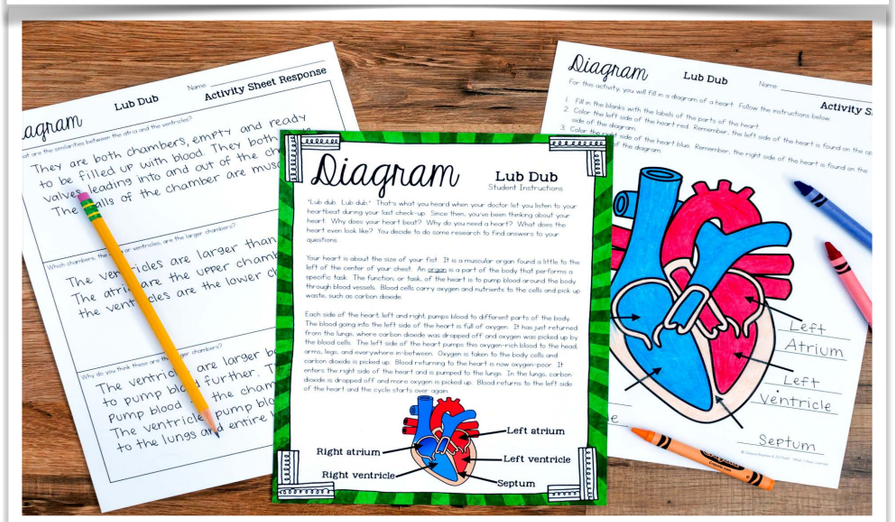




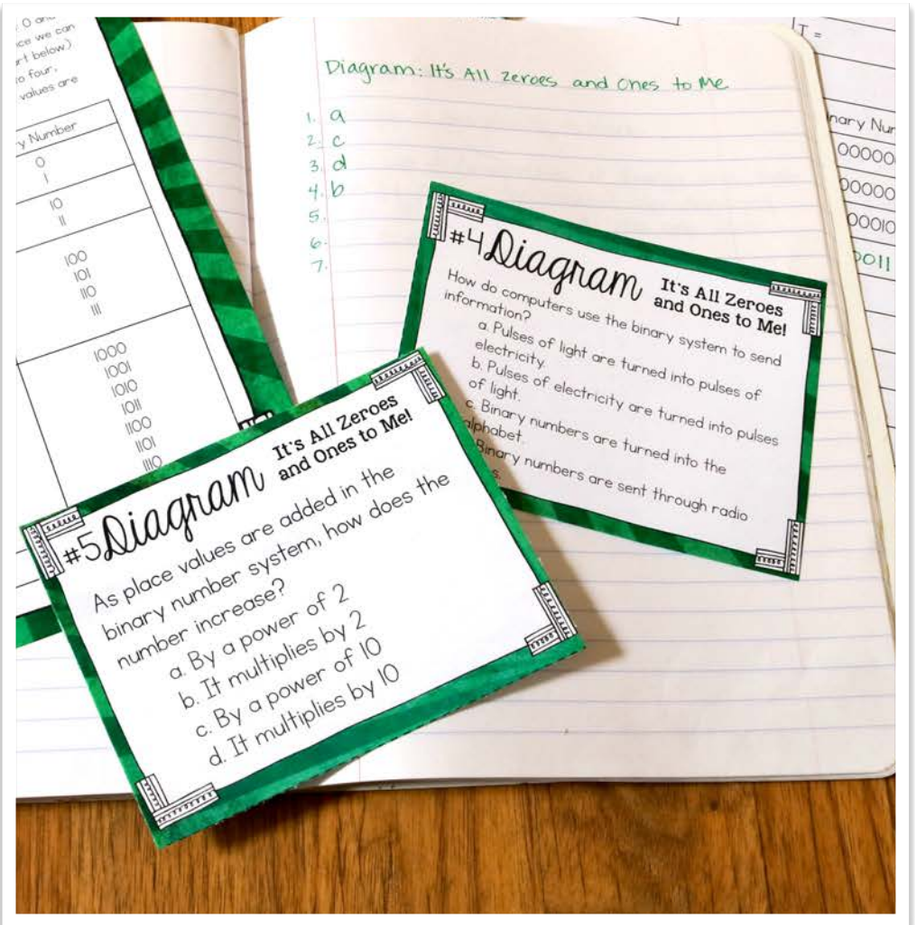




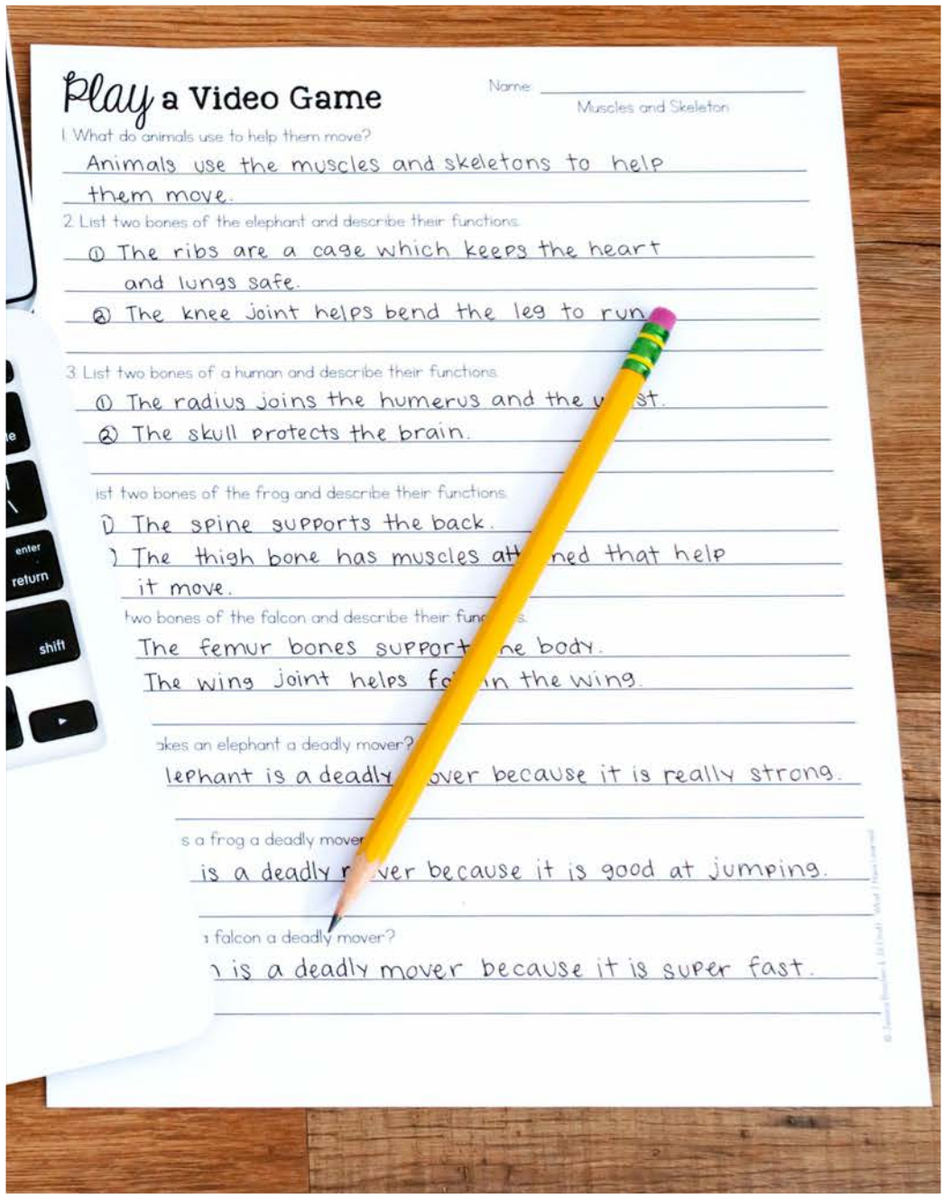


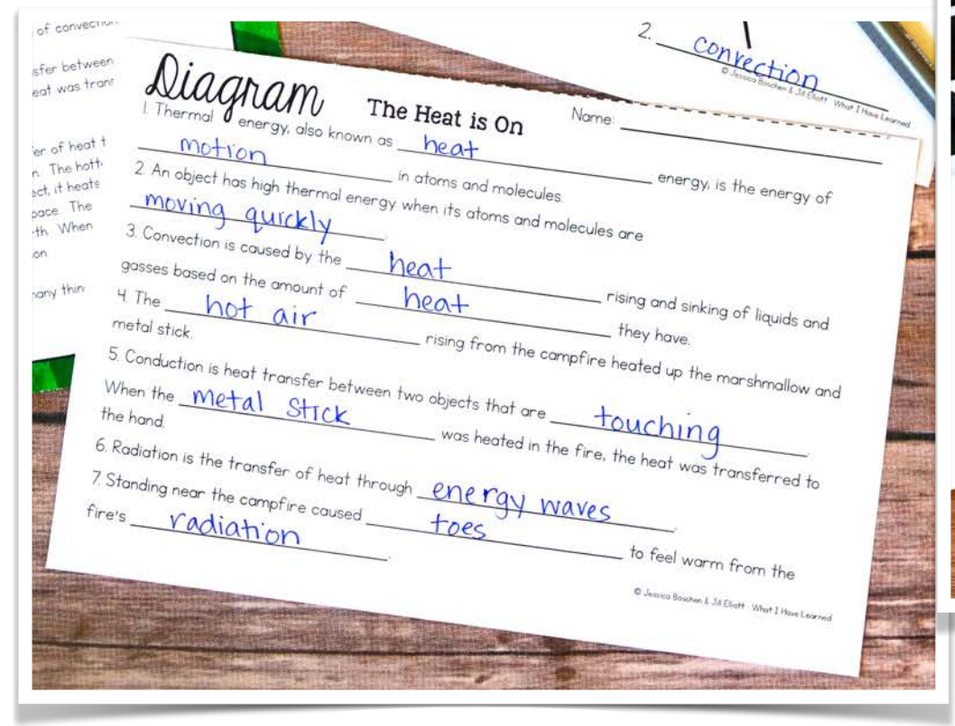


DIFFERENTIATED



- ✓ Short answer
- ✓ Fill-in-the-Blank
- ✓ Multiple Choice





ANSWER KEYS PROVIDED

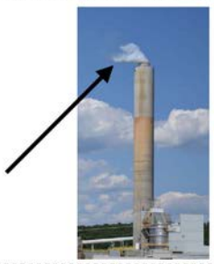
VOCABULARY

- ✓ Three-part vocabulary cards with images
- ✓ Larger cards without images



nonrenewable energy

source of energy that will one day be used up



pollution

things that cause harm to the air, soil, or water



energy

the ability to do work



fossil fuel

deposit of fuel that was once ancient plants and animals

pollution

things that cause harm to the air, soil, or water

BIG IDEA POSTERS

- ✓ Color photos
- ✓ Statements that summarize key concepts in each unit

Sources of renewable energy include **wind**, **solar** (sun), and **hydrologic** (water).



Most of the world's **pollution** comes from fossil fuels.



Convex lenses



are used to make smaller objects look bigger.

White light

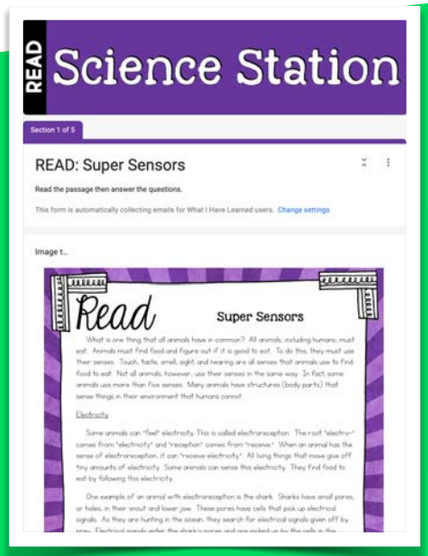
is made up of all the colors of the rainbow: red, orange, yellow, green, blue, indigo, and violet.

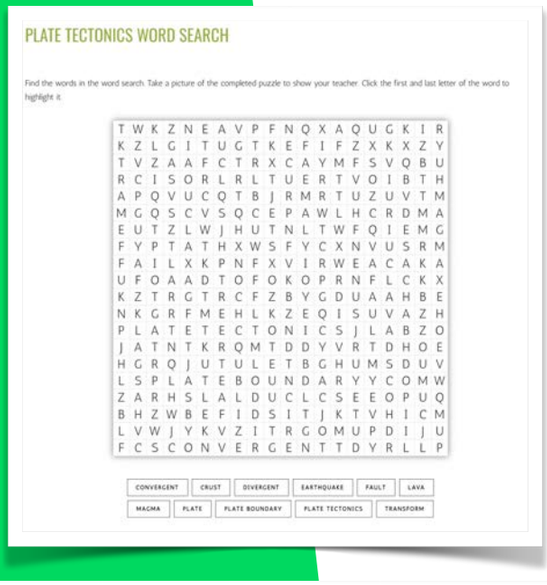
Fossil fuels include **petroleum** (oil), **natural gas**, and **coal**.

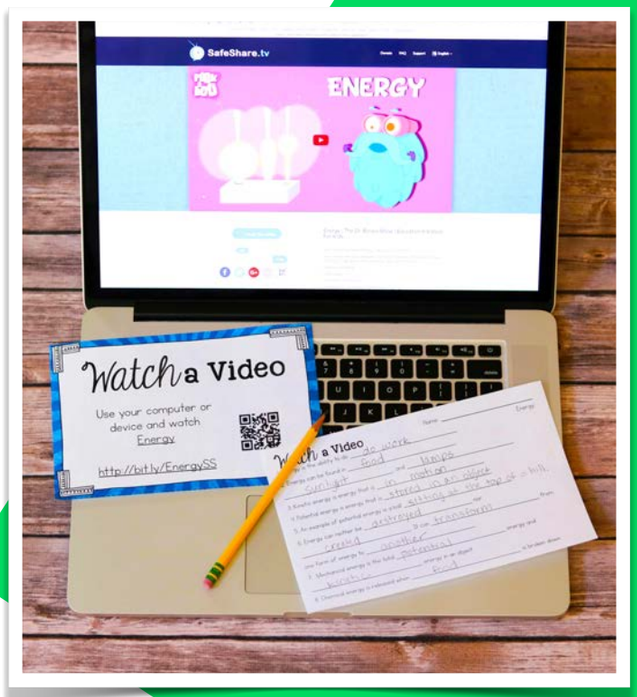


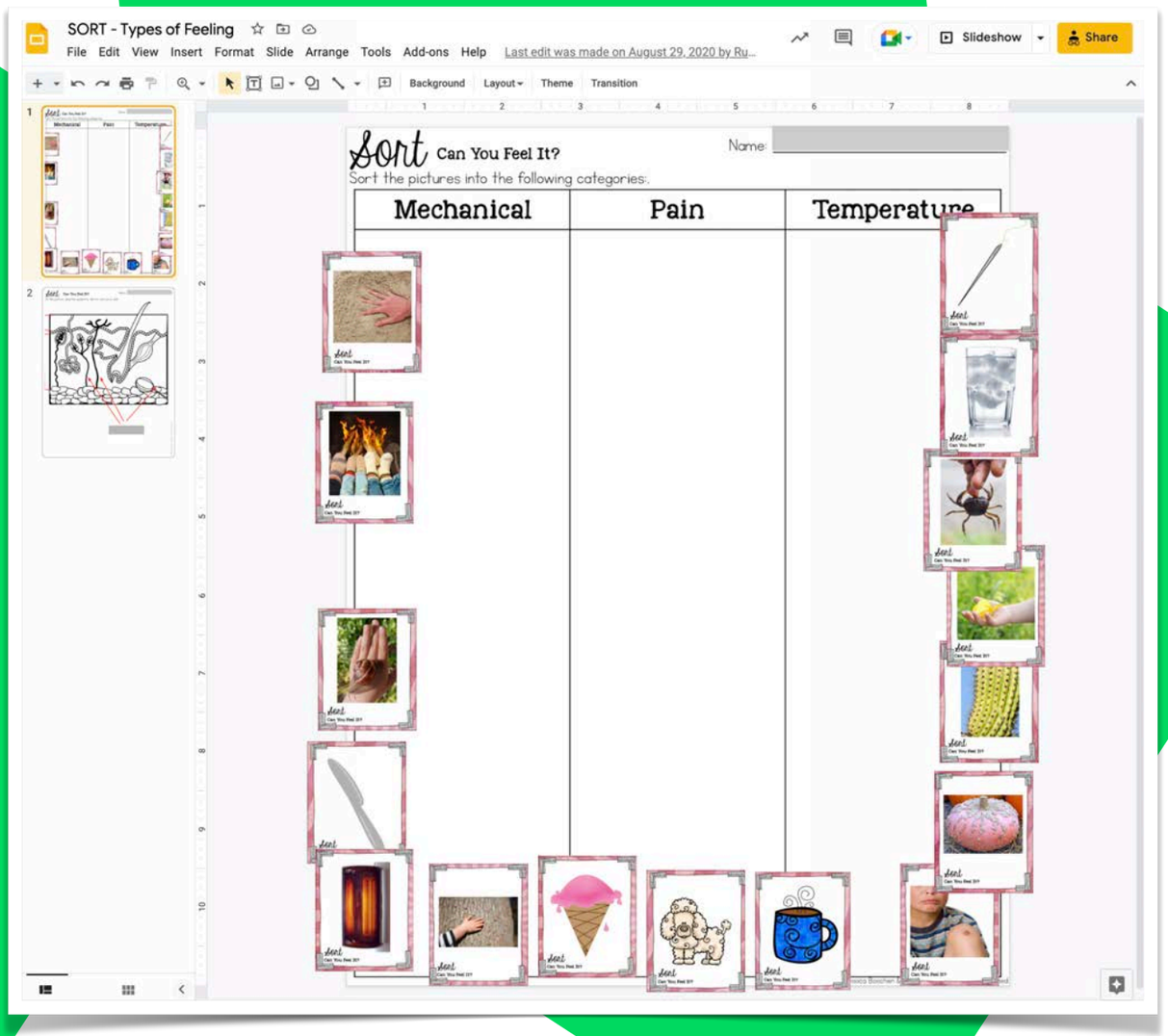
DIGITAL VERSIONS

- ✓ Google Forms and/or Google Slides for every station
- ✓ Videos
- ✓ Video Games
- ✓ Digital Crossword Puzzles & Word Searches





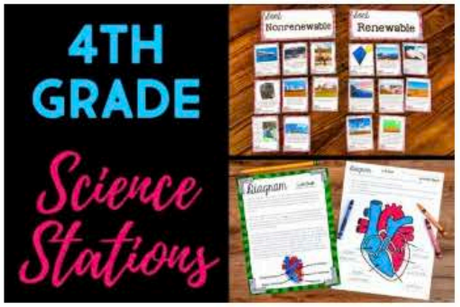




MORE INFORMATION

Check out more information about the science stations on

WHAT I HAVE LEARNED



FOURTH GRADE SCIENCE STATION UNITS FOR NGSS



FORCES OF WEATHERING SORT FOR FOURTH SCIENCE STATIONS



PROPERTIES OF LIGHT SORT FOR FOURTH GRADE SCIENCE STATIONS



FORMS OF ENERGY SORT FOR FOURTH GRADE SCIENCE STATIONS

