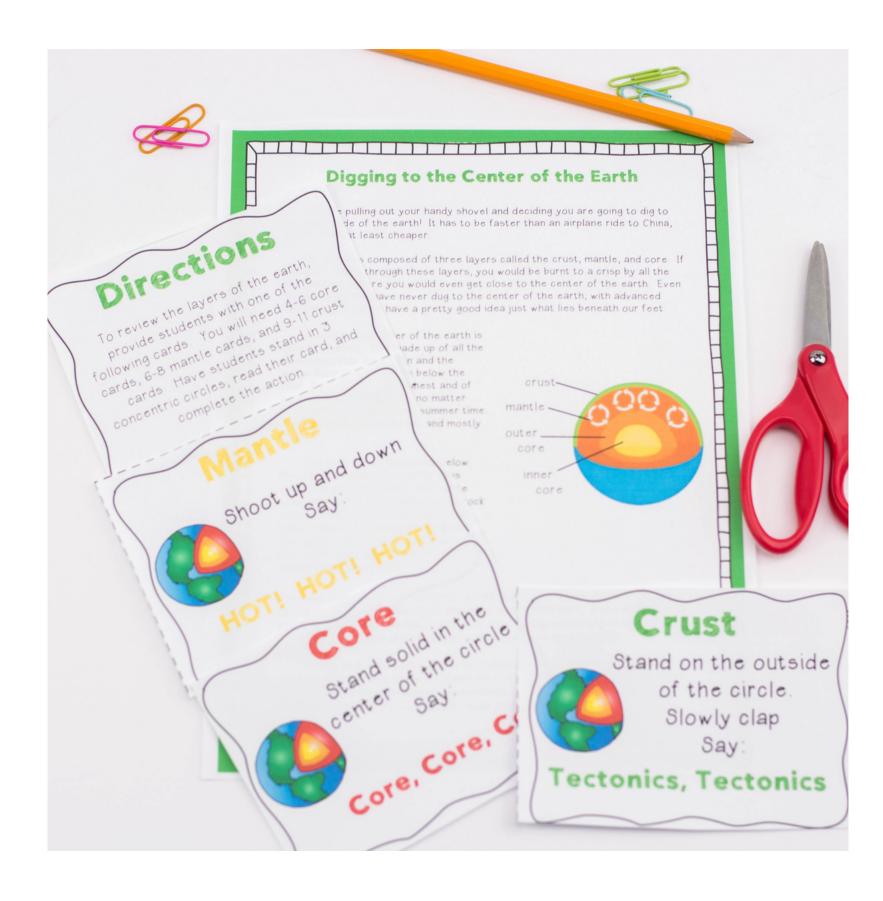
CONCEPTS COVERED



- CORE, MANTLE, AND CRUST
- ON THE EARTH'S SURFACE
- ROLE IN SHAPING THE EARTH'S SURFACE
- FORMATION OF LANDFORMS
- THE EARTH'S SURFACE

- LANDFORMS

• THE THREE LAYERS OF THE EARTH - COMPOSITION AND PROPERTIES OF THE EARTH'S

• EARTHQUAKES - SEISMIC ACTIVITY, HOW EARTHQUAKES OCCUR, AND THEIR EFFECTS

VOLCANOES - VOLCANIC ERUPTIONS AND THE FORMATION OF VOLCANIC LANDFORMS

• WEATHERING AND EROSION - THE PROCESSES OF WEATHER AND EROSION AND THEIR

DIFFERENTIATION BETWEEN CONSTRUCTIVE FORCES AND DESTRUCTIVE FORCES

 CAUSES OF LANDFORMS – IDENTIFYING THE VARIOUS FACTORS, SLOW AND FAST CHANGES, AND DESTRUCTIVE AND CONSTRUCTIVE FORCES THAT CONTRIBUTE TO THE

• FAST AND SLOW CHANGES - DIFFERENTIATING BETWEEN FAST AND SLOW CHANGES TO

 CAUSE AND EFFECT RELATIONSHIPS BETWEEN NATURAL PHENOMENA AND THE RESULTING CHANGES TO THE EARTH'S SURFACE

 SCIENTIFIC PROCESS SKILLS THROUGH HANDS-ON INVESTIGATIONS, INCLUDING OBSERVATION, INFERENCE, DATA COLLECTION, AND ANALYSIS

• SCIENCE VOCABULARY RELATED TO EARTHQUAKES, VOLCANOES, EROSION, AND

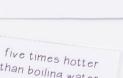
GET STUDENTS EXCITED ABOUT LEARNING



Lots of Benefits

- THROUGH KINESTHETIC ACTIVITIES, SCIENCE LABS, AND EXPLORATION OF REAL-LIFE PHENOMENA LIKE EARTHQUAKES AND VOLCANOES, STUDENTS CAN BETTER VISUALIZE AND UNDERSTAND COMPLEX EARTH SCIENCE CONCEPTS IN THIS UNIT.
- IT PROVIDES COMPREHENSIVE SOLUTIONS TO ENGAGE STUDENTS, FACILITATE UNDERSTANDING, PROMOTE CRITICAL THINKING, AND STREAMLINE LESSON PLANNING.
- IT OFFERS A MIX OF COOPERATIVE LEARNING, ACTIVE LEARNING, ENRICHMENT, AND OTHER ACCOMMODATING OPPORTUNITIES SO THAT YOU CAN MEET YOUR STUDENTS' NEEDS.

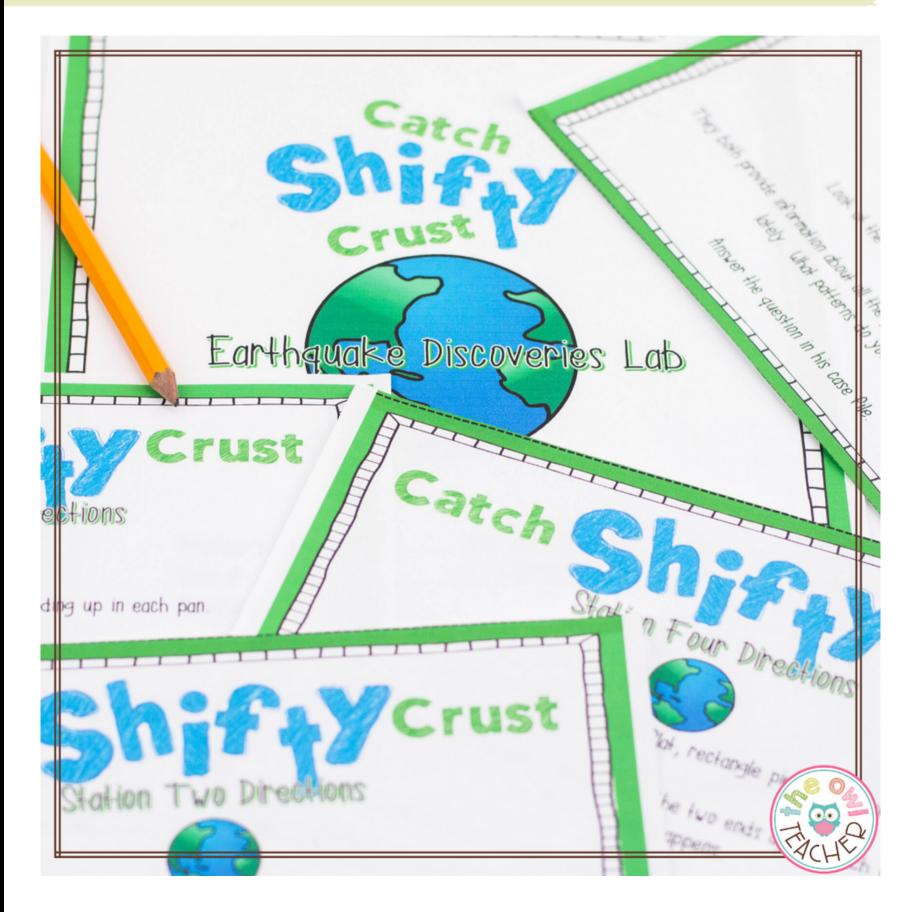






GET HIGH-QUALITY, ENGAGING RESOURCES

WHAT'S INCLUDED?



- HANDS-ON SCIENCE LABS AND INVESTIGATIONS
- KINESTHETIC ACTIVITIES
- SCIENCE CENTERS AND ROTATIONS
- FAST AND SLOW CHANGES WORKSHEETS, LAYERS OF THE EARTH WORKSHEETS, EARTH CHANGES WORKSHEETS, AND MORE!
- CAUSE AND EFFECT RELATIONSHIP PRACTICE
- LAYERS OF THE EARTH ROLE PLAY ACTIVITY
- ANSWER KEYS
- FLEXIBLE PRINTING OPTIONS PRINTER FRIENDLY AND COLOR VERSIONS (FOR LAMINATION)



• ENGAGING, HIGH-QUALITY DETAILED LESSON PLANS

TAKE YOUR WEEKENDS BACK TO DO WHAT YOU LOVE



- CENTERS PARTNER WORK
- COOPERATIVE LEARNING • SUPPLEMENTING YOUR CURRENT LESSONS
- INDIVIDUAL LEARNING • WARM UP ACTIVITIES
- HOMEWORK • SMALL GROUPS
- TEACHER DEMONSTRATIONS
- WHOLE GROUP ACTIVITIES
- SUBSTITUTES
- REVIEW & PRACTICE

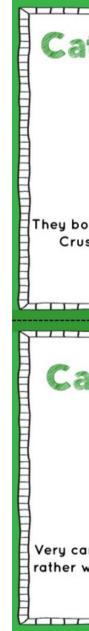
WITHOUT HAVING TO SACRIFICE YOUR LESSON PLANS

- AND SO MUCH MORE!
- EARLY FINISHERS
- ENRICHMENT

• WHOLE GROUP ACTIVITIES

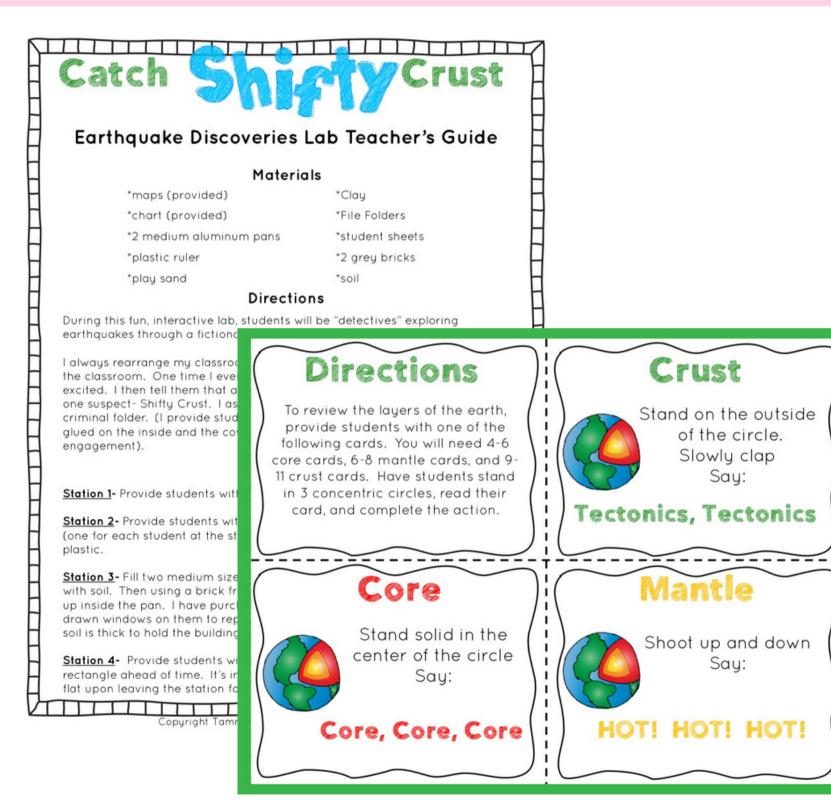
HOW IT WORKS

GET YOUR STUDENTS ACTIVELY INVOLVED WHEN YOU START THIS FAST AND SLOW CHANGES OF THE EARTH UNIT. STUDENTS WILL BEGIN BY EXPLORING THE LAYERS OF THE EARTH THEN THE FAST AND SLOW CHANGES, ALONG WITH THE CONSTRUCTIVE AND DECONSTRUCTIVE FORCES THAT ARE AT PLAY, ALL CAUSING CHANGES TO THE EARTH'S SURFACE AND CREATING EARTH'S LANDFORMS. AS STUDENTS WORK THROUGH THESE CONCEPTS, THEY WILL PAUSE TO GET A DEEPER LOOK AT VOLCANOES, EARTHQUAKES, AND OF COURSE, WEATHERING AND EROSION!



Layer Directions pr	Name Layers of the Earth Sort Drostisms Cut out each characteristic and glue under its proper heading.		
Crust	Mantle	Core	
tch Ship Crust Station One Directions Even Dok at the chart and maps provided. The provide information about all the places that Shifty st has visited lately. What patterns do you notice? Answer the question in his case file. Even Station Two Directions Even Tirst read the article provided.	de mostly of kel and iron ains the ocean and continents	thinnest layer of the earth the outermost layer slowly moves like putty has an inner and outer portion Copyright The Owl Teacher 20	
refully bend the ruler. You do not want to break it, bu want to see the way it vibrates when you apply a bit of pressure to it. Copyright Tammy DeShaw, The Owl Teacher 2014			
SAVE TIME PL TH DETAILED			





HELP YOUR STUDENTS UNPACK THE LAYERS OF THE EARTH, THE FAST AND SLOW CHANGES, ALONG WITH THE CONSTRUCTIVE AND DECONSTRUCTIVE PROCESSES THAT SHAPE THE EARTH'S SURFACE AND CREATE THE EARTH'S LANDFORMS. ENGAGE WITH HIGH-QUALITY MATERIALS, KINESTHETIC ACTIVITIES, AND SCIENCE CENTERS AS YOU DIVE DEEP INTO VOLCANOES, EARTHQUAKES, AND WEATHERING AND EROSION.



BEST PRACTICES & RESEARCH BASED RESOURCES

LOVED BY TEACHERS

"This is an amazing packet. It is hands on and the best example I have found of changes to the earth. The kids LOVED the hard boiled egg experiment. If you are studying earthquakes, volcanoes and erosion this is a must!" -Julia R

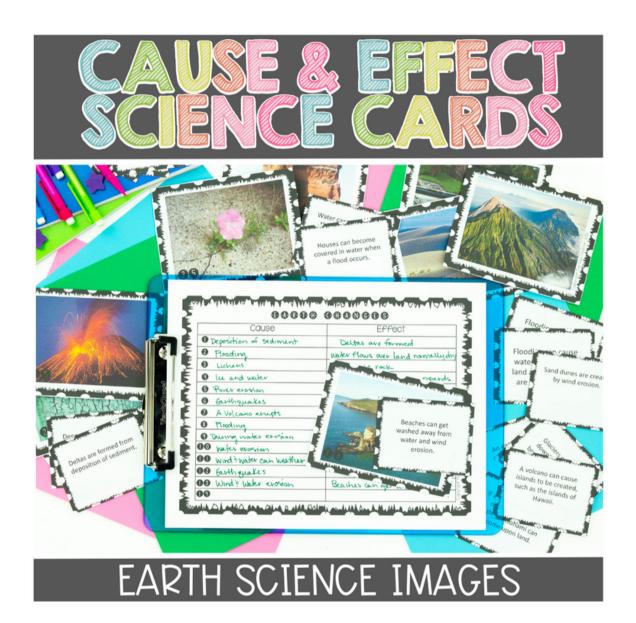
> "This resource has so much in it! The articles are easy read for my students with special needs. The station activities are wonderful. There is so much in this resource you will have a ton of items to choose from each year. " -Jessica K

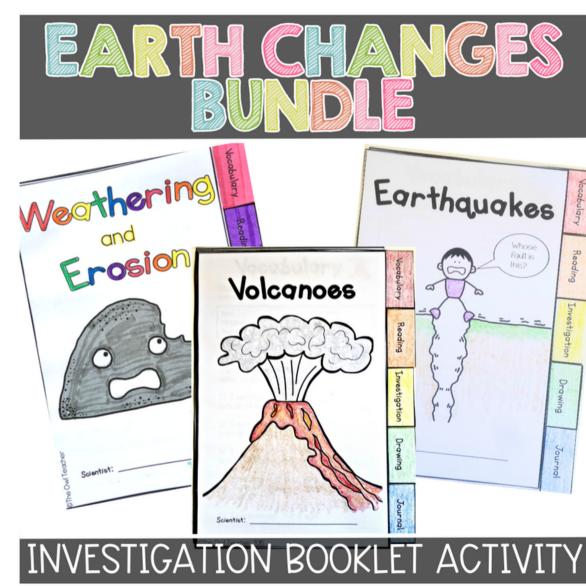
"Love these! I love how you have great experiments, passages and writing prompts for science. These resources make my job easier. We did a few experiments yesterday from this packet on weathering. My kids were so sad when science was over and we had to start another subject."

-Shannon C

ADD THIS RESOURCE TO YOUR CART!











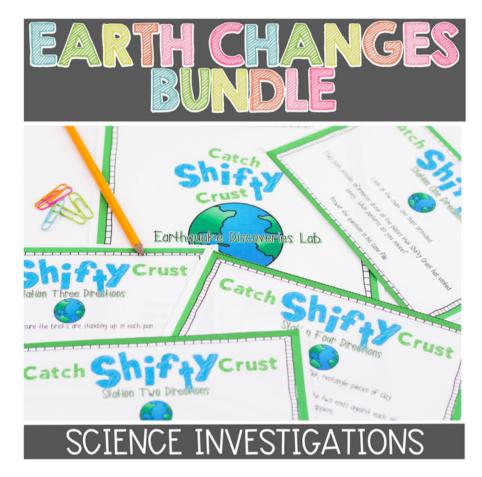
CLICK ON THE IMAGE TO CHECK THEM OUT!

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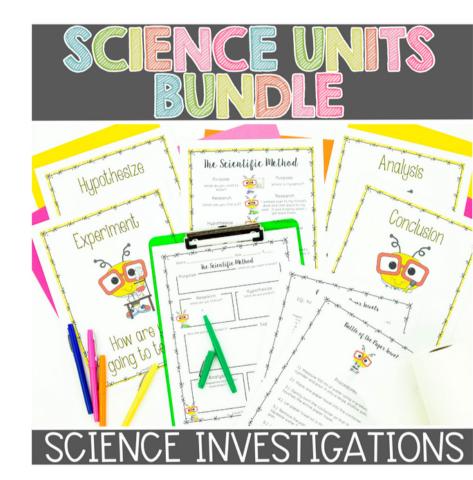


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- EARTH'S CHANGING SURFACE UNIT
- EARTH CHANGES TASK CARDS
- EARTH CHANGES CAUSATION CARDS



Save 20% off or more!

- EARTH'S CHANGING SURFACE UNIT
- ELECTRICITY LESSON PLAN UNIT
- FORCE AND MOTION UNIT
- PHYSICAL AND CHEMICAL CHANGES UNIT
- PLANTS UNIT

CLICK ON THE IMAGE

TO CHECK IT OUT!

- ROCKS AND MINERALS UNIT
- SCIENTIFIC METHOD AND PROCESS SKILLS UNIT
- VERTEBRATES AND **INVERTEBRATES ANIMAL CLASSIFICATION UNIT**
- SCIENCE PICTURE OF THE DAY
- PIECES AND TRADING CARDS UNITS







