

ENGLISH

THIS PLANET ROCKS



GRADE 1 UNIT 5 | ACTIVITY BOOK

EDITION 1

Grade 1

Unit 5

This Planet Rocks

Activity Book

Acknowledgement:

Thank you to all the Texas educators and stakeholders who supported the review process and provided feedback. These materials are the result of the work of numerous individuals, and we are deeply grateful for their contributions.

Notice: These learning resources have been built for Texas students, aligned to the Texas Essential Knowledge and Skills, and are made available pursuant to Chapter 31, Subchapter B-1 of the Texas Education Code.

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NAME: _____

DATE: _____

1.1

Take-Home

Dear Family Member,

During the next several days, your student will be learning about the the different types of rocks on earth. Your student will learn about the earth's surface and the layers of the earth (crust, mantle, and core), as well as volcanoes and geysers. Following are some suggestions for activities that you may do at home to reinforce what your student is learning about this science topic.

1. The Earth's Surface

Use a globe or map to help your student locate and identify the earth's continents and oceans. Also locate the North Pole, the South Pole, and the equator. Share with each other any knowledge that you have of these.

2. Make a Model

Make a model of the earth's layers or a volcano.

3. Draw and Write

Have your student draw and/or write about what has been learned about the layers of the earth, volcanoes, or geysers, and then share the drawing with you. Ask questions to keep your student using the vocabulary learned at school.

4. If You Were There

With your student, imagine what it would be like to witness a volcanic eruption. Talk about what you would see and hear and how you would feel.

5. Read Aloud Each Day

It is very important that you read to your student each day. The local library has many books on geology.

Be sure to let your student know how much you enjoy hearing about what they have been learning about at school.

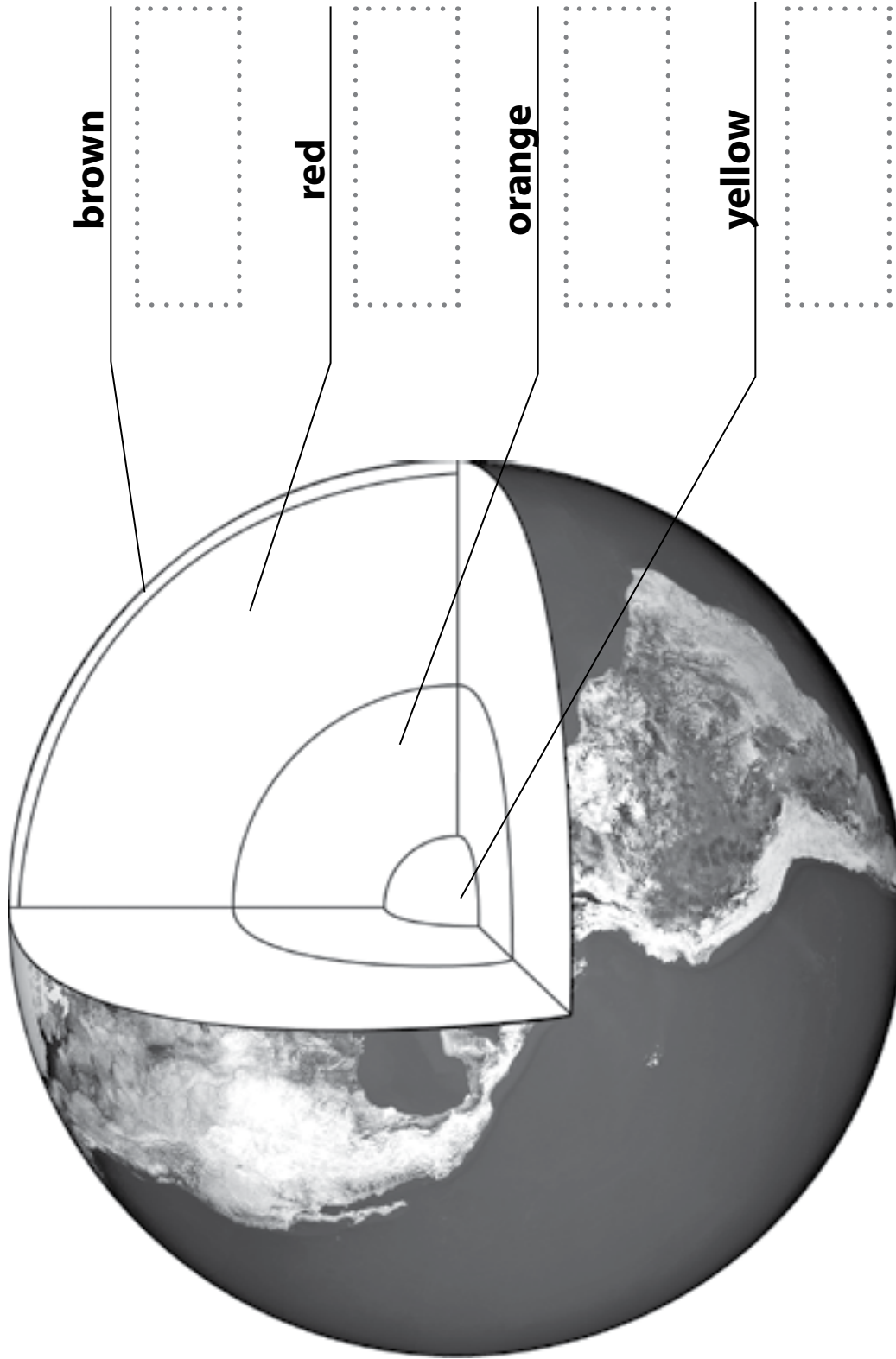
NAME: _____

DATE: _____

3.1

Activity Page

Directions: Color the crust brown, the mantle red, the outer core orange, and the inner core yellow. Cut out the labels for each part of the earth, then tape or glue the appropriate label to the matching color. Then, flip the page and write two sentences about two of the earth's layers on the back.



crust : mantle : outer core : inner core

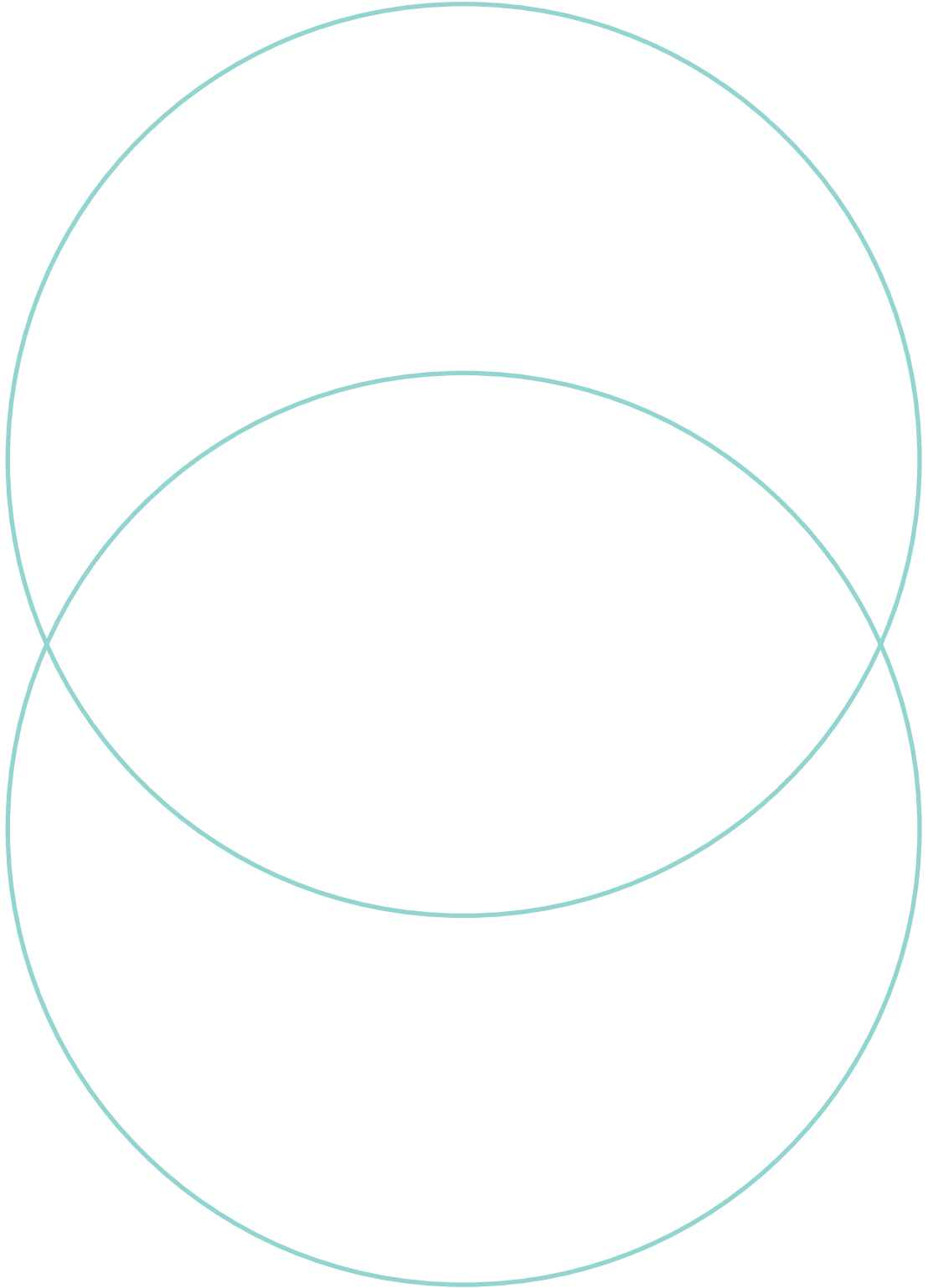
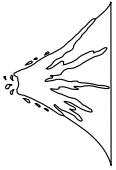
NAME: _____

DATE: _____

4.1

Activity Page

Directions: Think about how volcanoes and geysers are similar and how they are different. Draw or write how they are alike in the overlapping part of the two circles. Draw or write how volcanoes are different from geysers in the circle under the volcano. Draw or write how geysers are different from volcanoes in the circle under the geyser.



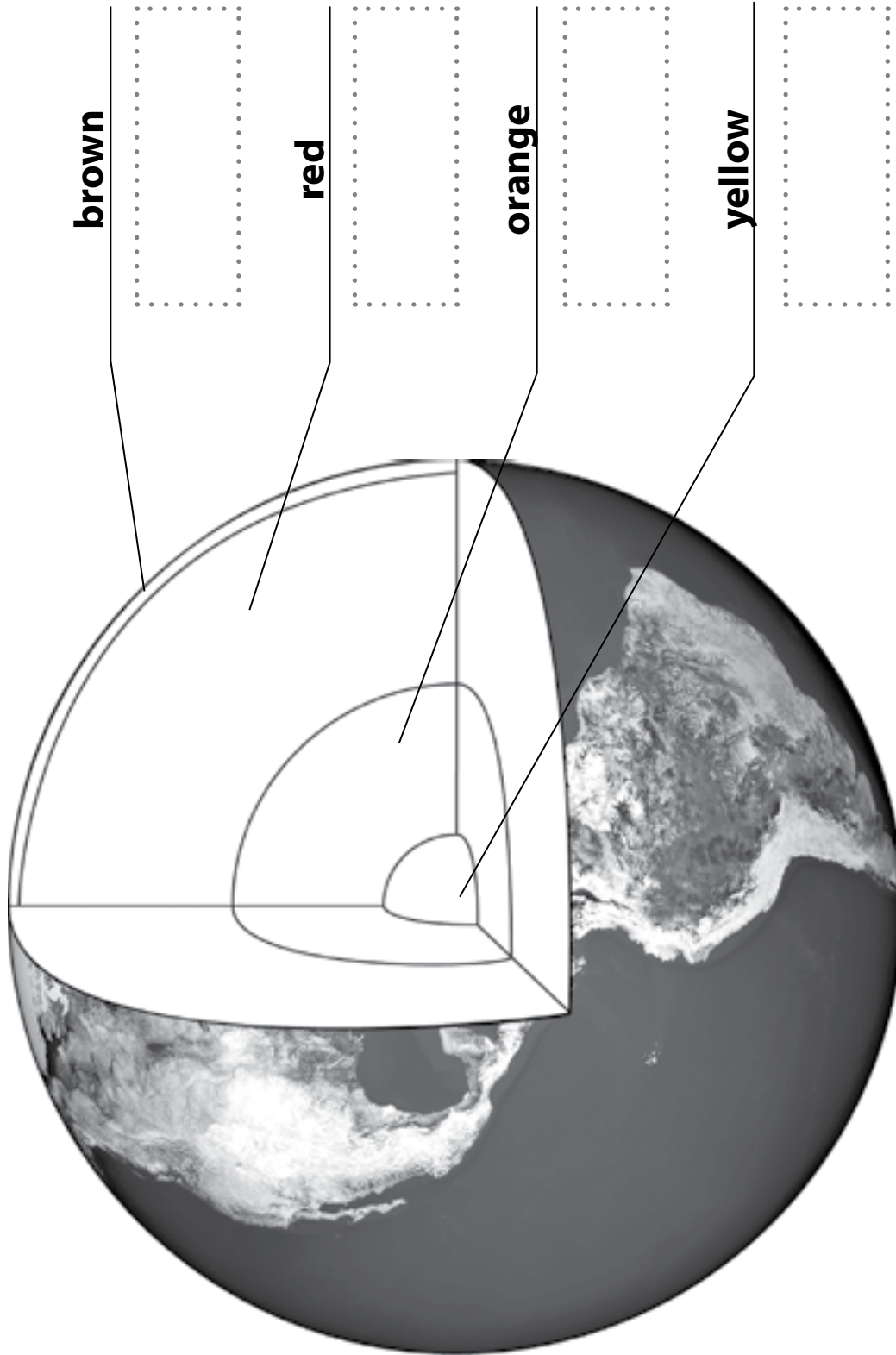
NAME: _____

DATE: _____

PP.1

Assessment

Directions: Color the crust brown, the mantle red, the outer core orange, and the inner core yellow. Cut out the labels for each part of the earth, and then tape or glue the appropriate label to the matching color.



crust : mantle : outer core : inner core

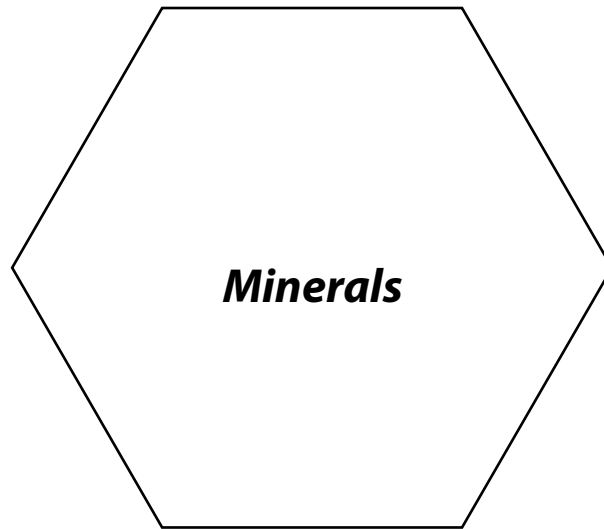
NAME: _____

DATE: _____

5.1

Activity Page

Directions: Create an idea web with information you learned about minerals. Write two or three sentences on the back about the information in the web.



NAME: _____

DATE: _____

Dear Family Member,

I hope you and your student have been enjoying talking about different type of rocks on planet Earth. Today, your student learned about minerals and how they are useful to people. Soon, your student will learn that all rocks can be sorted into three groups: igneous, sedimentary, and metamorphic. Your student will also learn about fossils and what they tell us about life on the earth many years ago. Below are some suggestions for activities you may do at home to reinforce what your student is learning about this science topic.

1. Rock Descriptions

If possible, have your student view some rocks from nature and talk about their characteristics. If you do not have access to real rocks, look for pictures of rocks that can be described.

2. Draw and Write

Have your student draw and/or write about what has been learned about minerals, layers of the earth, a volcano, or a geyser and then share the drawing with you. Ask questions to keep your student using the vocabulary learned at school.

3. If You Were There

With your student, imagine what it would be like to discover a fossil. Talk about what you would see and hear and how you would feel.

4. Minerals

Talk about the ways that minerals such as coal or salt are important to you or other people.

5. Read Aloud Each Day

It is very important that you read to your student each day. You can find books related to this unit at your local library.

Be sure to let your student know how much you enjoy hearing about what they have been learning about at school.




NAME: _____

DATE: _____

6.1

Activity Page

Directions: In the first column, draw pictures of and/or write about igneous rocks. In the second column, draw and/or write about sedimentary rocks. In the last column, draw and/or write about metamorphic rocks. Write at least two sentences about rocks on the back.

NAME: _____

UA.1

Assessment

DATE: _____

1.



2.



3.



4.



5.



6.



7.



8.



9.



10.



Directions: Listen to your teacher's instructions.

11.



12.



13.



14.



15.



NAME: _____

UA.2

Assessment

DATE: _____

1.



2.



3.



4.



5.



6.



7.



8.



9.



10.



Directions: Listen to your teacher's instructions.

11.



12.



13.



NAME: _____

DATE: _____

UA.3

Assessment

Directions: Label the North Pole with a star and the South Pole with a circle. Label the equator by coloring it red. On the back of the paper, draw a picture of and write a sentence about the most interesting thing you learned about This Planet Rocks.



ISBN: 979-8-89072-927-9

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Printed in the USA