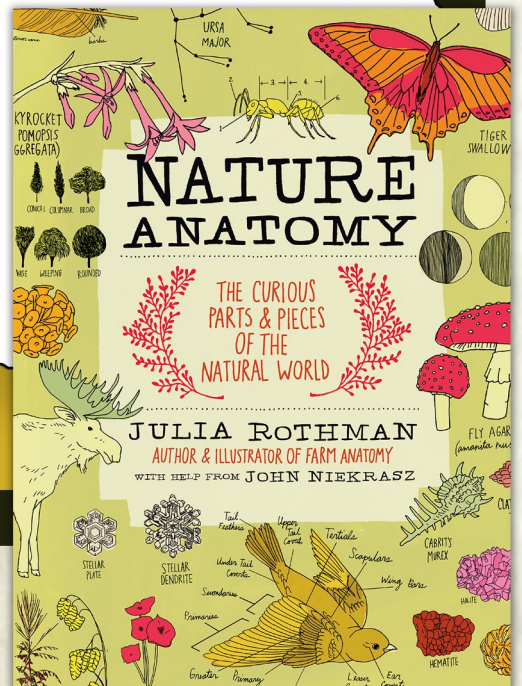


For Grades 3 & Up

NATURE

Companion Guide for *NATURE ANATOMY*

Ignite an interest in science
as students record their discoveries!



Nature Notebook

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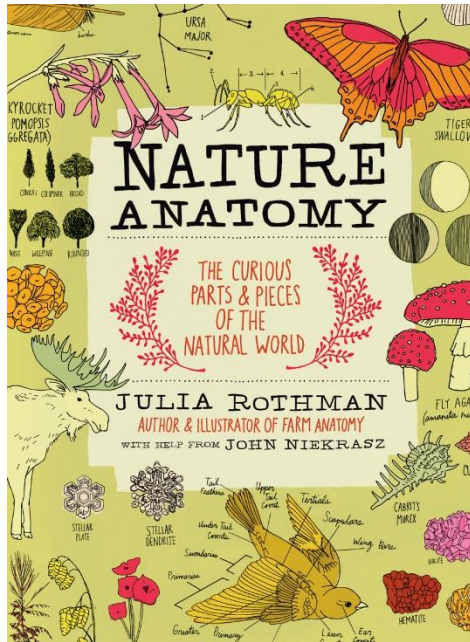
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Acknowledgement



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ISBN: 9781612122311

See the world in a whole new way! Acclaimed illustrator Julia Rothman combines art and science in this exciting and educational guide to the structure, function, and personality of the natural world. Explore the anatomy of a jellyfish, the inside of a volcano, monarch butterfly migration, how sunsets work, and much more. Rothman's whimsical illustrations are paired with interactive activities that encourage curiosity and inspire you to look more closely at the world all around you.

Learn more: <https://www.storey.com/books/nature-anatomy>

Also recommended: [Nature Anatomy Notebook](#) - A Place to Track and Draw Your Daily Observations by Julia Rothman

<https://www.storey.com/books/nature-anatomy-notebook>

Introduction

Many homeschooling families incorporate the study of nature into their daily lessons. We have enjoyed using *Nature Anatomy* in our studies and have referred to it often for reference, as the beautiful hand-drawn sketches bring nature to life.

Because *Nature Anatomy* is a popular book found on many homeschool shelves, we have created a notebook to accompany it, with the publisher's permission.

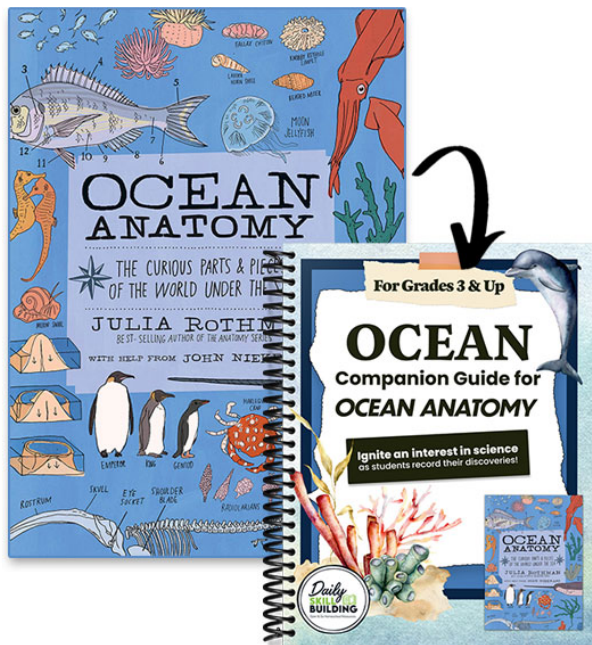
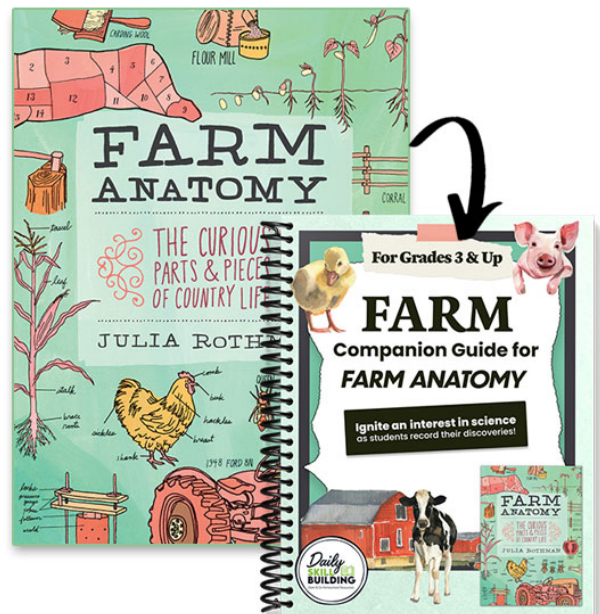
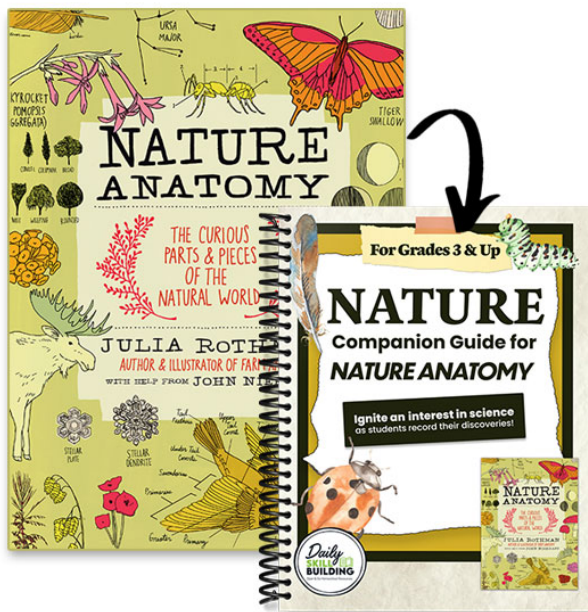
This notebook will follow along with the topics in the book and include places for written narration of information read, sketches of objects found in nature, labeling and diagramming, and more.

We have included links throughout the *Nature Notebook* for extra free printables and resources to expand your study on individual topics.

Julia Rothman Companion Notebook Series

Follow along with the topics in the Julia Rothman Collection using written narration, drawing, labeling, and more with our companion notebooking journals.

Available for all the books in the series. [Buy the bundle and get BONUS gift!](#)



Extra Printables Related to General Nature Study:

Find a complete list of FREE printables and resources that work well with *Nature Anatomy* at <http://bit.ly/natureanatomy> or choose from the following resources:

- [Fun Outdoor Crafts for Kids: DIY Wind Chimes](#)
- [DIY Stepping and Garden Stones](#)
- [DIY Suncatchers Easy and Colorful Crafts](#)
- [Nature Study Notebook Printables](#)
- [Printables for a Nature Walk](#)
- [Nature-Themed Copywork](#)

Chapter One: Common Ground

In this chapter of *Nature Anatomy*, you will learn about the earth's rotation, layers of the earth, rocks and minerals, fossils, landforms, mountains, and more.

Extra Printables Related to Chapter One:

Find a complete list of FREE printables and resources that work well with *Nature Anatomy* at <http://bit.ly/natureanatomy> or choose from the following resources:

- [Astronomy Printables](#)
- [Earth Science Printables and Resources – Archaeology, Caves & Geology](#)
- [Learning About the Layers of the Earth](#)
- [Layers and Spheres of the Earth Notebooking Journal](#)
- [Rock Terminology Copywork Notebook](#)
- [Printables and Resources on Rocks and Fossils](#)
- [Paleontology Printables and Resources](#)
- [Learn All About Volcanoes with Printables, Unit Studies and More](#)
- [Historic Volcanoes Notebooking Research Journal](#)

Rotation

Read pages 12-13 of *Nature Anatomy* and fill in the blanks below with the information you learn. On the following page, color in the earth's rotation and label according to the chart. Draw the sun and label the seasons.

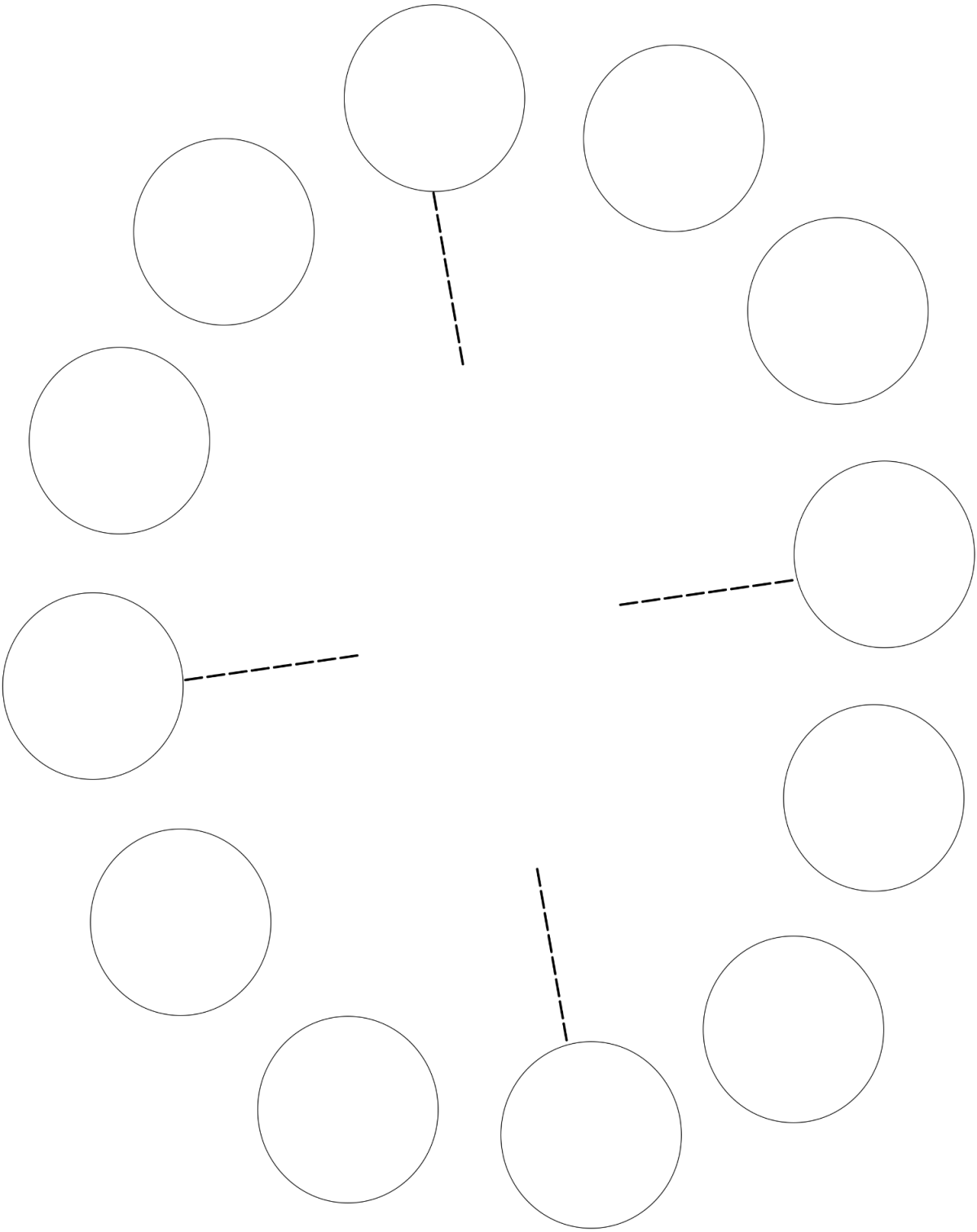
How many miles per hour does the earth spin on its central axis?

How many revolutions per day does the earth spin?

What causes the four seasons?

How many miles is one orbit around the sun, and how long does it take the earth to make the journey?

Explain why summer is warmer than winter in each hemisphere.



Layers of the Earth

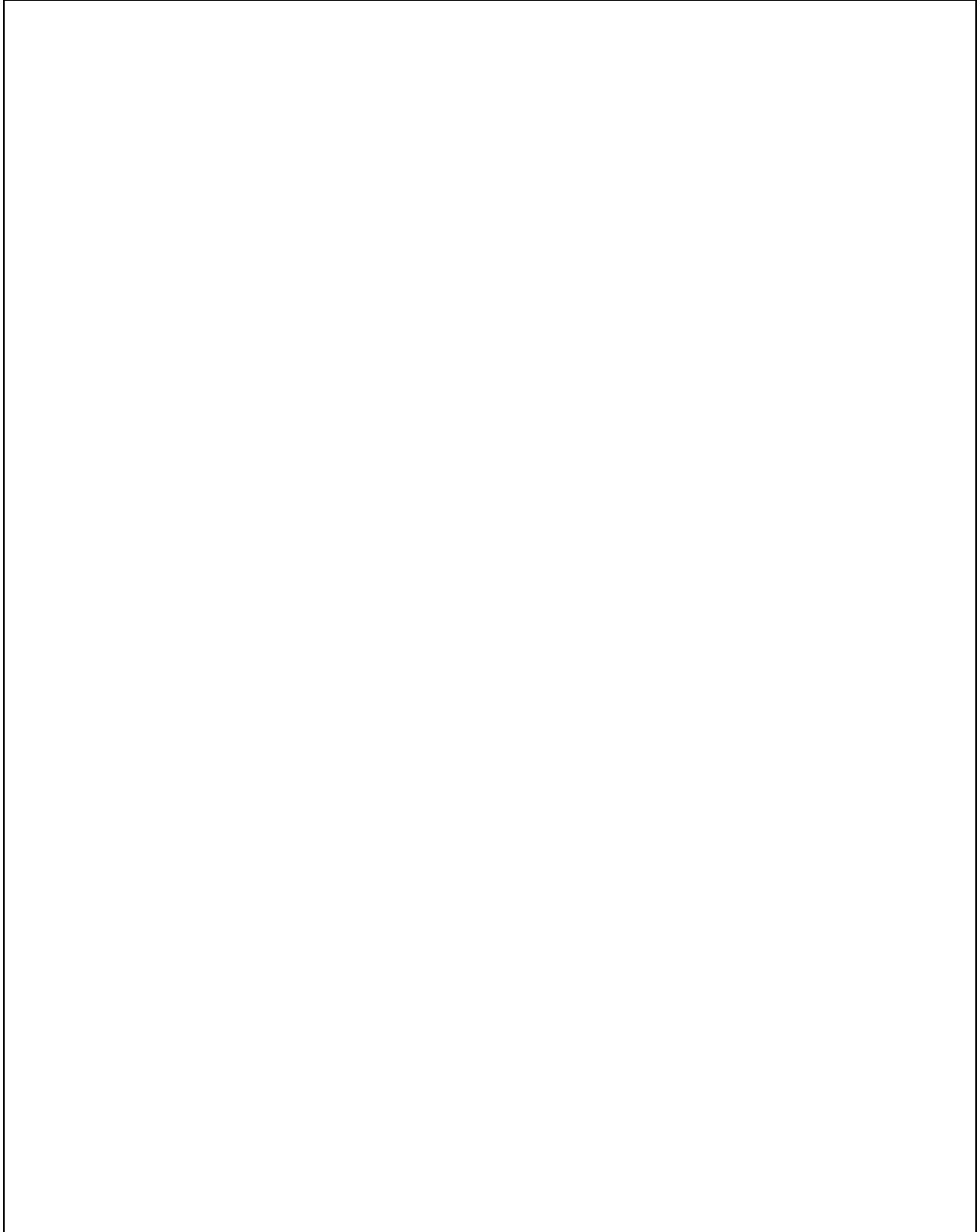
Write what you learn about the layers of the earth from page 14 of *Nature Anatomy*.

Crust

Mantle

Outer + Central Core

Draw a picture of the earth's layers and label them as shown on pages 14-15.



Minerals

Read about minerals on pages 16-17 of *Nature Anatomy* and answer the following questions.

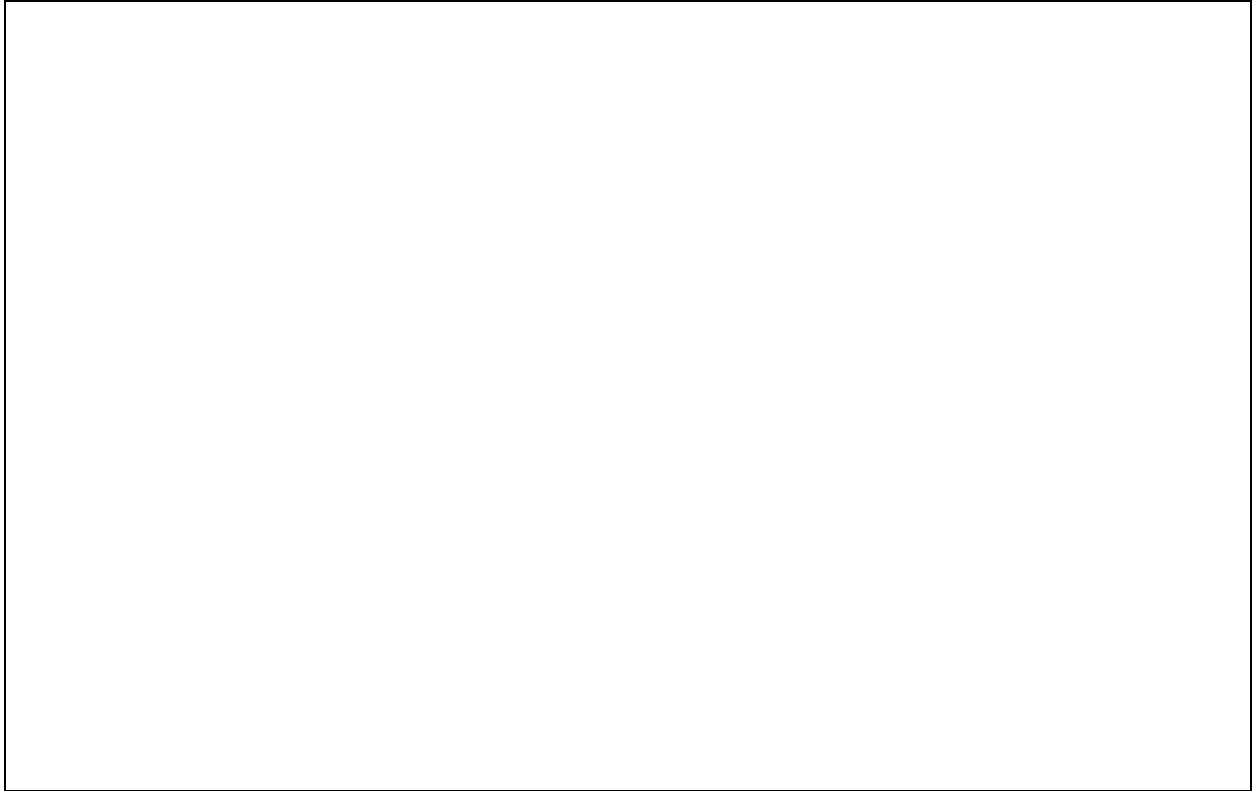
What are minerals?

What is one of the most common minerals on earth that is naturally formed?

Explain the process of crystallization:

The Rock Cycle and Types of Rocks

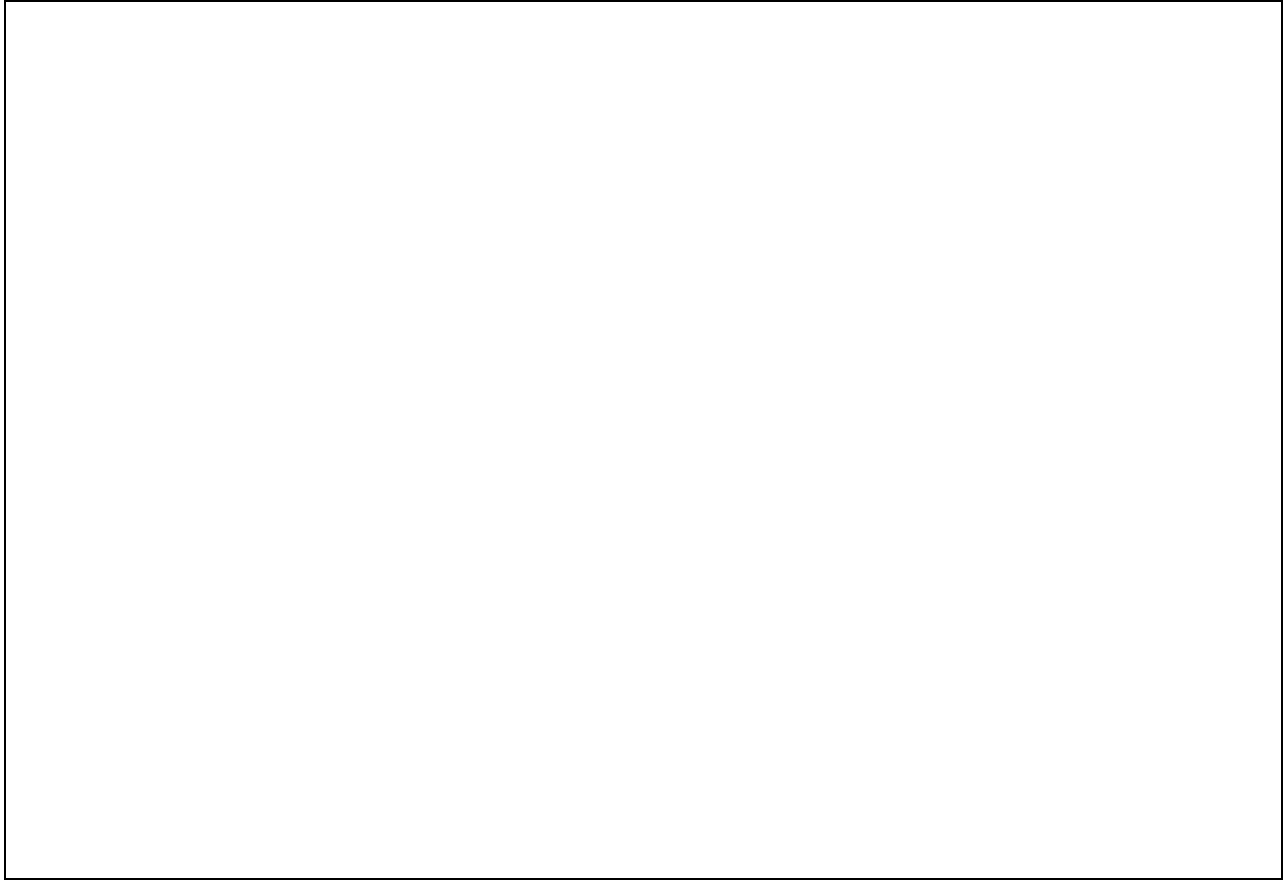
Draw a picture of the rock cycle as illustrated on page 18 of *Nature Anatomy*. Be sure to add the notes and all the labels.



Explain the rock cycle.

The Water Cycle:

Look at the picture on page 46 of *Nature Anatomy*. Draw a picture and label the water cycle.



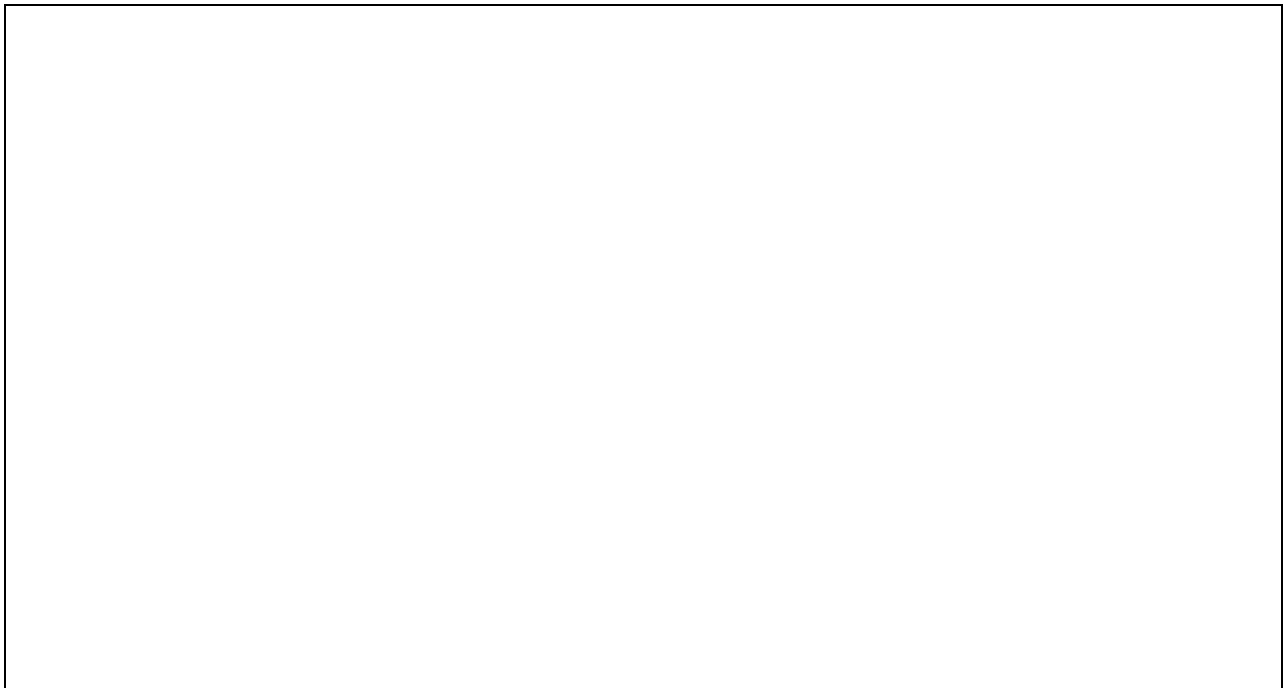
What are some things you learned about the water cycle?

What is fog?

What is mist?

What is the main difference between fog and mist?

Draw a picture of the foggy bridge found on page 47 of *Nature Anatomy* or create your own.



Storms

Read about storms on pages 48-49 of *Nature Anatomy*.

What did you learn about thunderstorms?

Draw a picture of the electrical charges in clouds and lightning as shown on page 48.

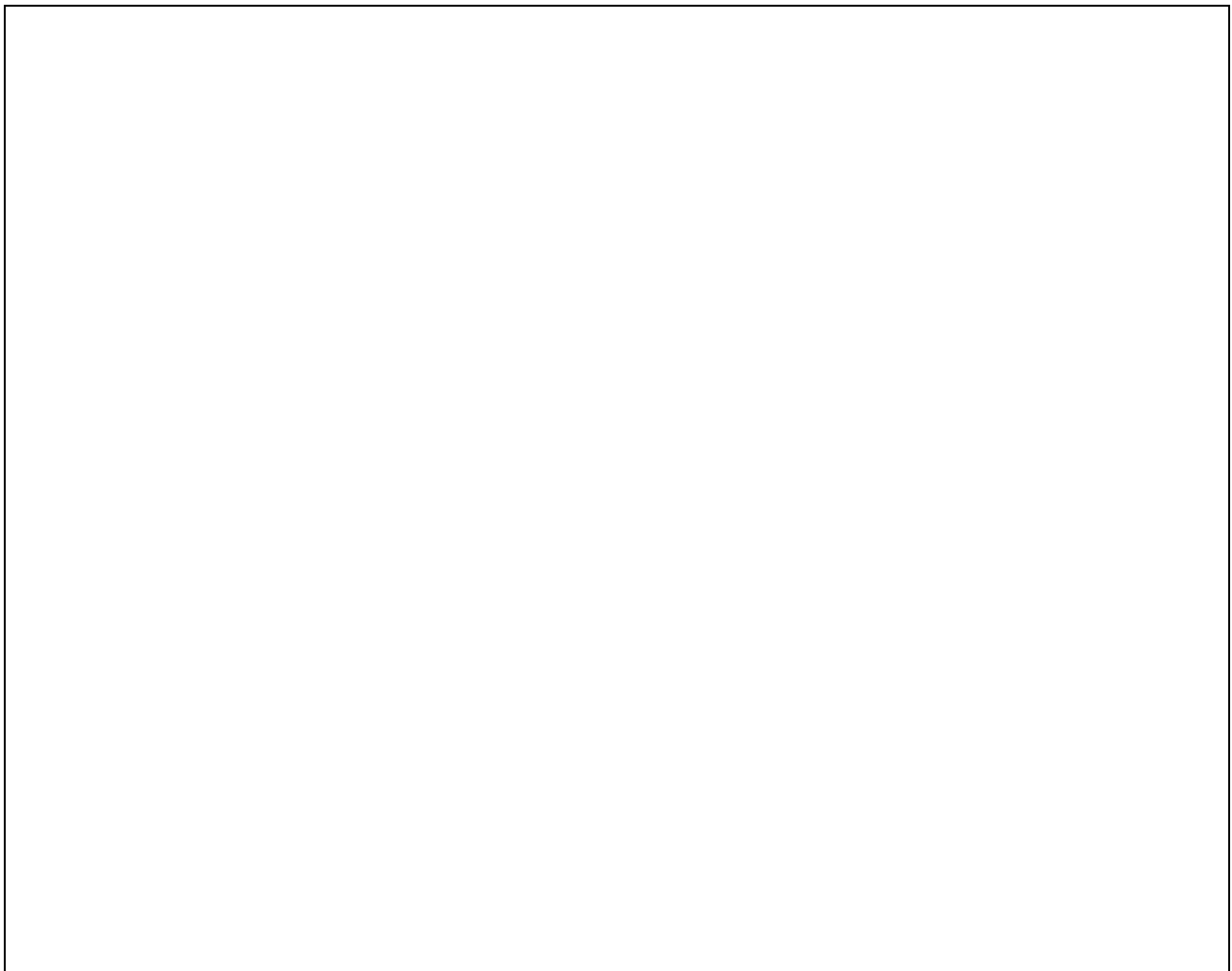


What did you learn about lightning?

What are tornadoes caused by?

How are tornadoes classified?

Draw a picture of a tornado and label the parts of it as found on page 49 of *Nature Anatomy*.

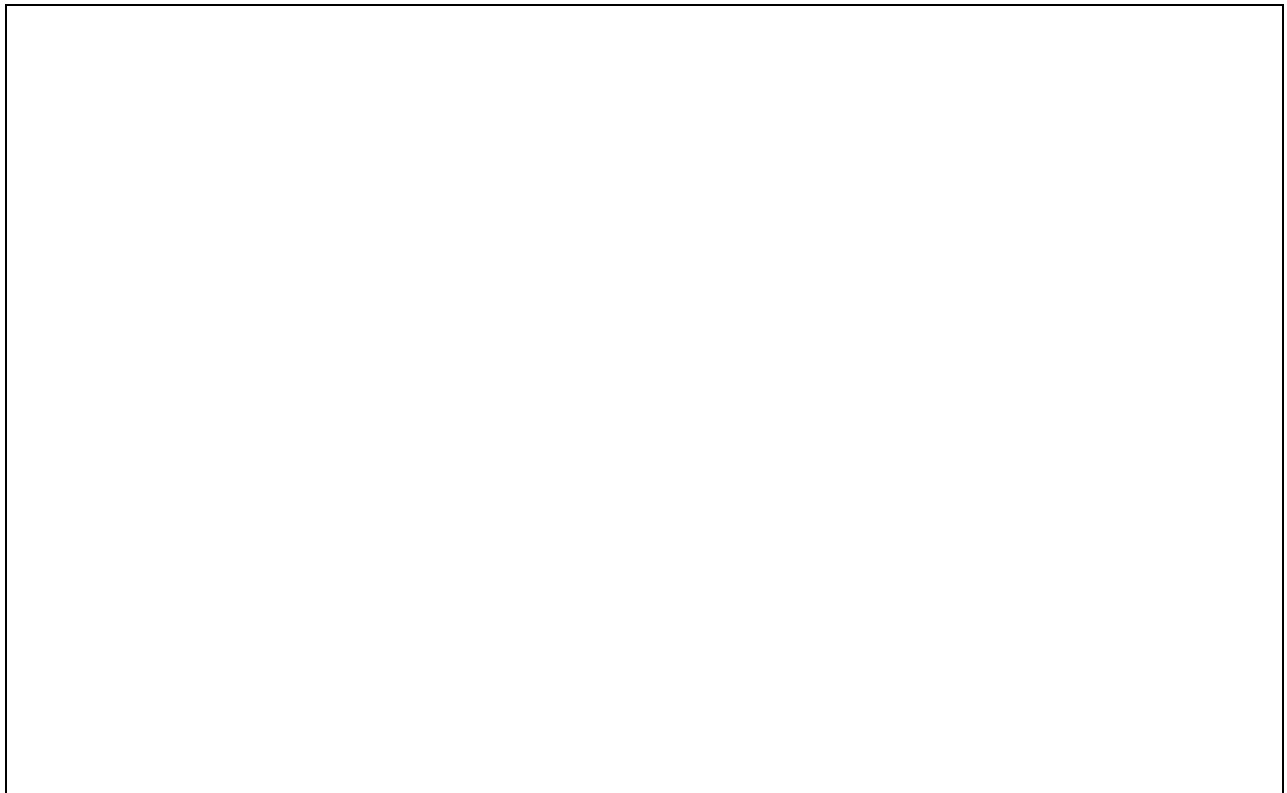


Snowflakes

Read about snowflakes on pages 50-51 of *Nature Anatomy*.

What is the shape of a snowflake determined by?

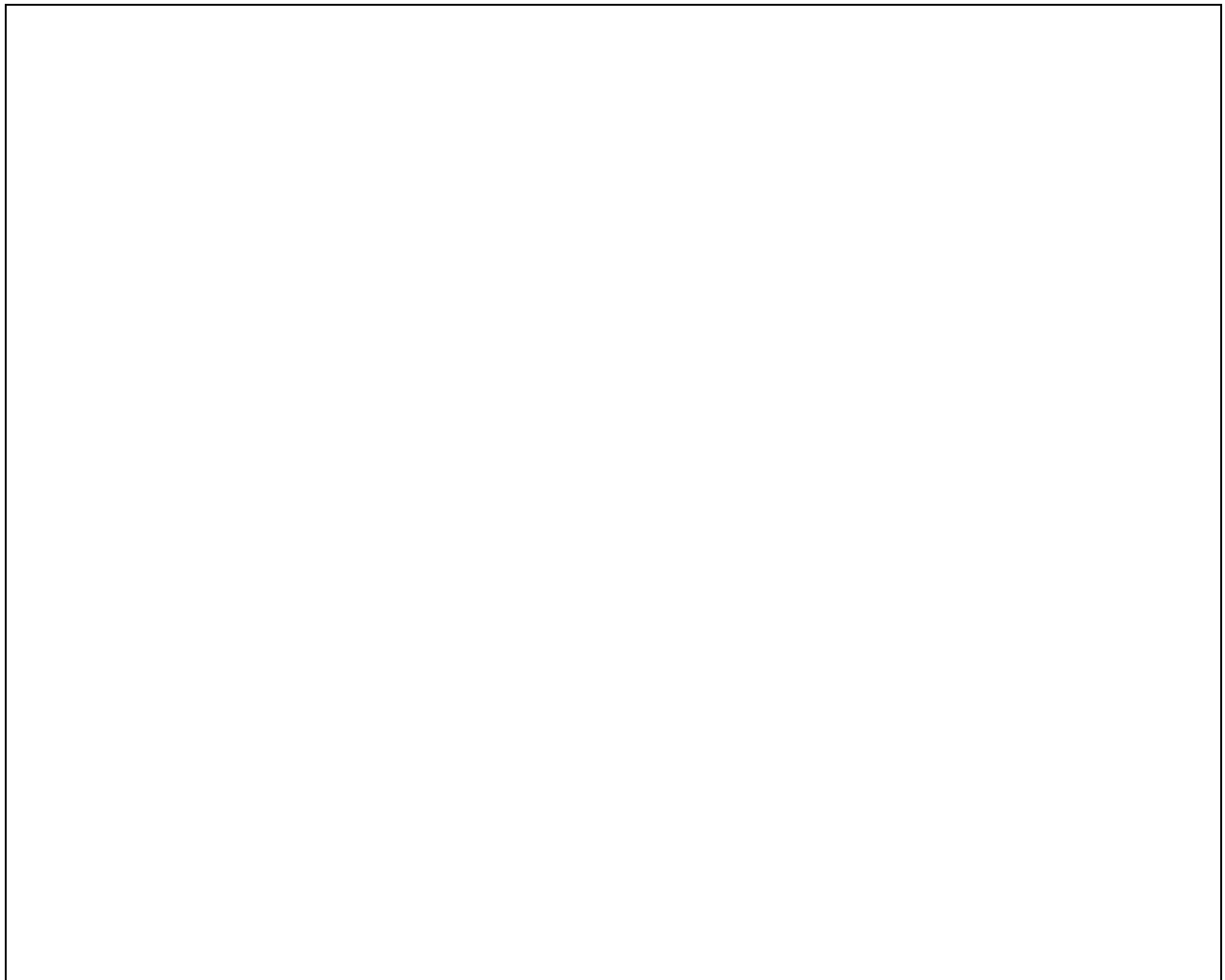
Look at the various snowflake shapes as found on pages 50-51 of *Nature Anatomy* and draw some of your favorite ones below. Be sure to label them.



Rainbows and Sunsets

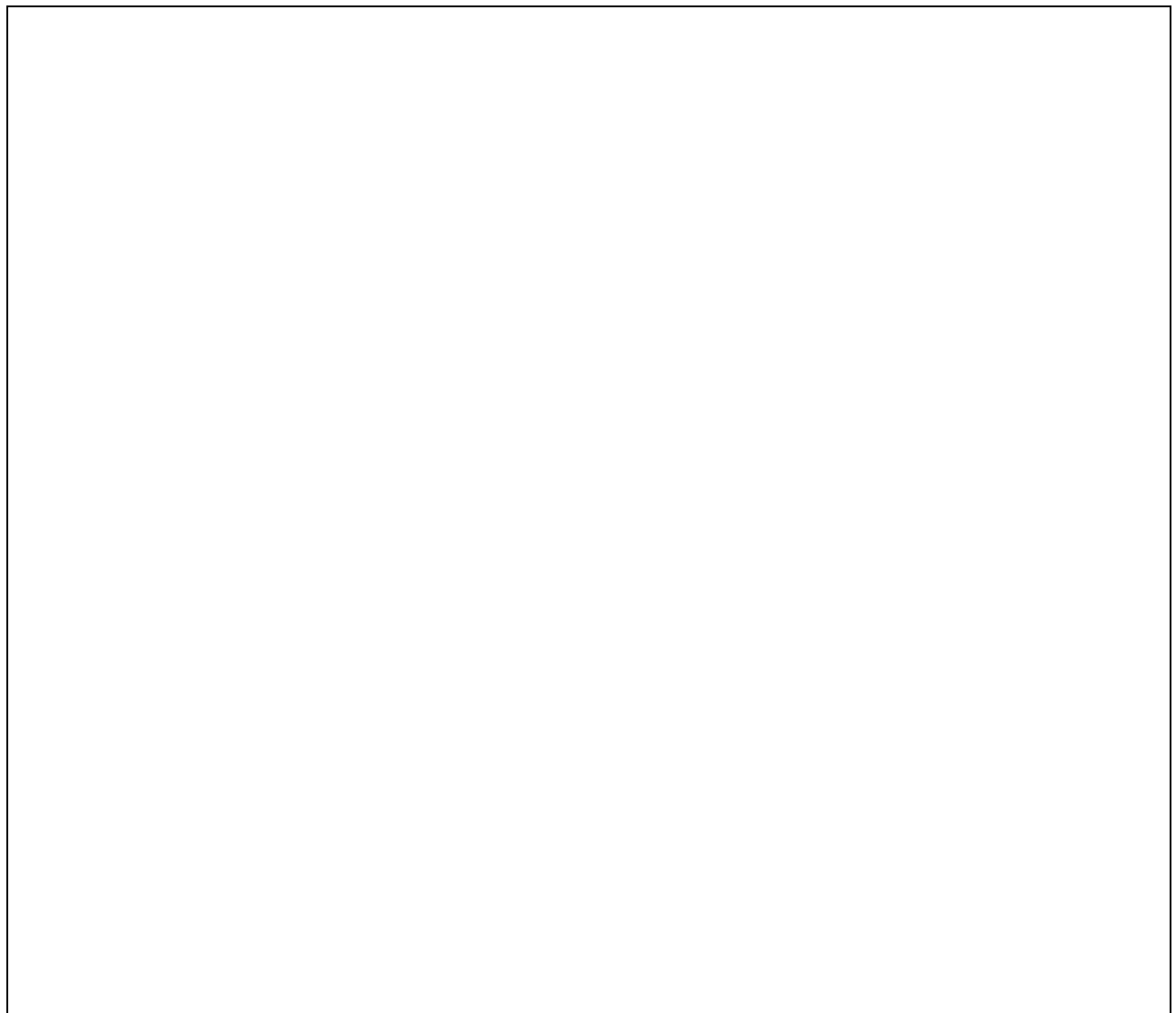
Read about rainbows on pages 52-53 of *Nature Anatomy* and write about what you learn below.

Draw a picture of a rainbow and be sure to use all the colors as shown.



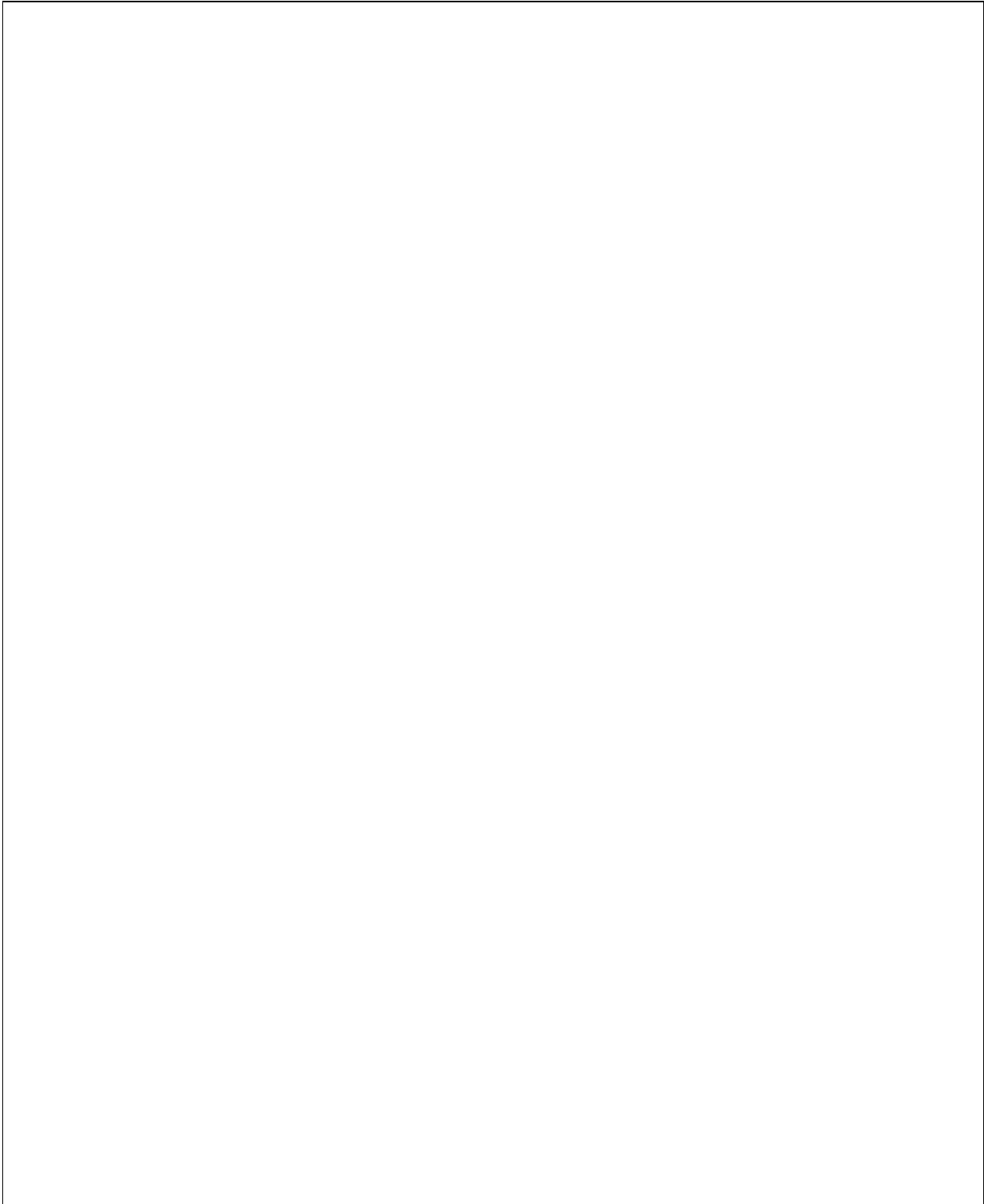
Read about sunsets on pages 54-55 of *Nature Anatomy* and write about what you learn below.

Draw a picture of a sunset below.



Moon and Constellations

Draw a picture of the phases of the moon as shown on pages 56-57 of *Nature Anatomy*. Be sure to label each phase.



Read about constellations on pages 58-59 of *Nature Anatomy* and write what you learn below.

What are constellations?

How many constellations does the International Astronomical Union currently recognize?

What else did you learn about constellations?

Study the constellations on pages 58-59 of *Nature Anatomy*. Draw and label your favorites below.



Chapter Three: Come Close

In this chapter of *Nature Anatomy*, you will learn about the anatomy of a flower, bee, and butterfly as well as study metamorphosis, plants that attract butterflies, moths, sedges, rushes, and grasses. You will also explore edibles, insects, spiders, bugs, and ants.

Extra printables related to Chapter Three:

Find a complete list of FREE printables and resources that work well with *Nature Anatomy* at <http://bit.ly/natureanatomy> or choose from the following resources:

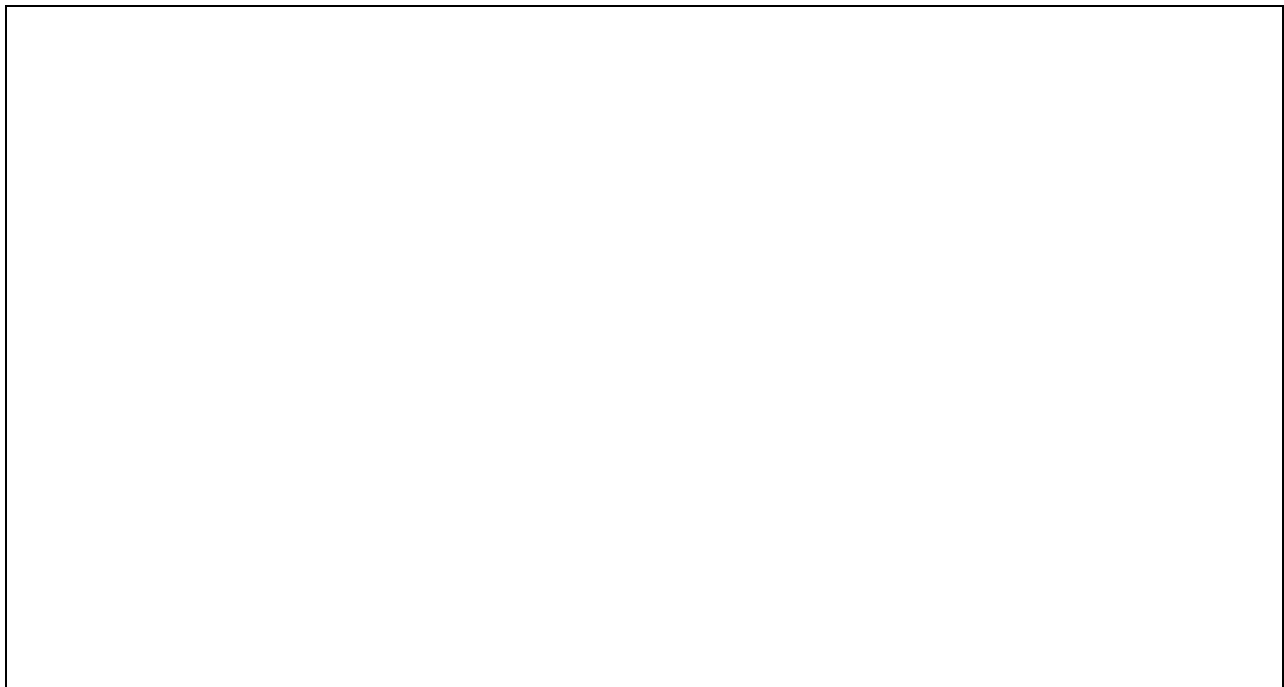
- [Flowers Around the World Guided Drawing](#)
- [Butterfly Unit Study](#)
- [Insects, Worms, Snails & Spiders Life Cycles Cut & Paste](#)

Anatomy of a Flower

Study the parts of a flower on page 62 of *Nature Anatomy* and list the part name and definition below.

Flower Part	Definition

Draw a picture of a flower and include the parts as shown on page 62.



Choose one or two of the feathers shown on page 169 of *Nature Anatomy* and draw them below. Be sure to label them.



Write what you learn about birdcalls from pages 170-171 of *Nature Anatomy* below.
