



Supplemental Resources Packet

April 27 – May 1, 2020

1st Grade

Mrs. Albertson

Mrs. Borden

Mrs. Brogan

Mrs. McIntosh

Student Name:	Section:
---------------	----------

Windy Nights By Robert Louis Stevenson

Monday

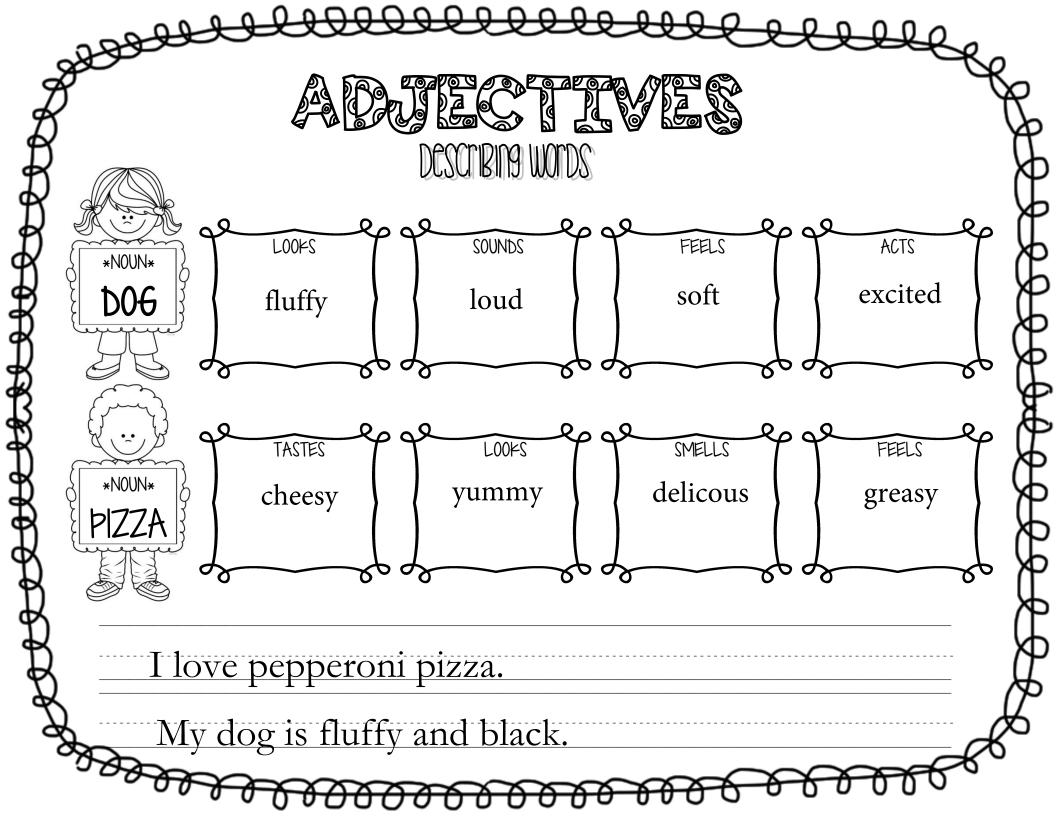
Whenever the moon and stars are set,
Whenever the wind is high,
All night long in the dark and wet,
A man goes riding by.

Tuesday

Late in the night when the fires are out,
Why does he gallop and gallop about?
Whenever the trees are crying aloud,
And ships are tossed at sea,

Wednesday

By, on the highway, low and loud,
By at the gallop goes he.
By at the gallop he goes, and then
By he comes back at the gallop again.



The Parts of Speech Poem

Every name is called a **NOUN**, As freedom, pencil, Texas, clown.



In place of a noun the **PRONOUN** stands, As he and she can clap their hands.

An **ADJECTIVE** describes a noun, Words like large, small, sad, glad, brown.



A **VERB** mean action something done, To read, to write, to jump, to run.

How things are done, the **ADVERB** tells, Quickly, slowly, badly, well.

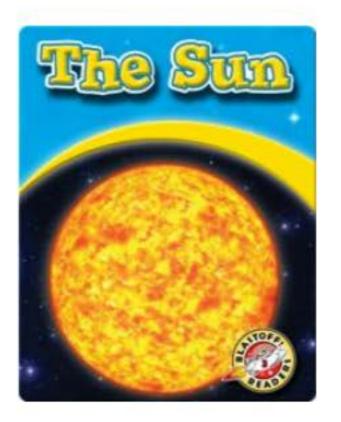




An **INTERJECTION** cries out HARK!!!

I need an exclamation mark!!

Through poetry we learn how each, Of these make up the PARTS OF SPEECH.



The Sun: Exploring Space

By: Colleen Sexton

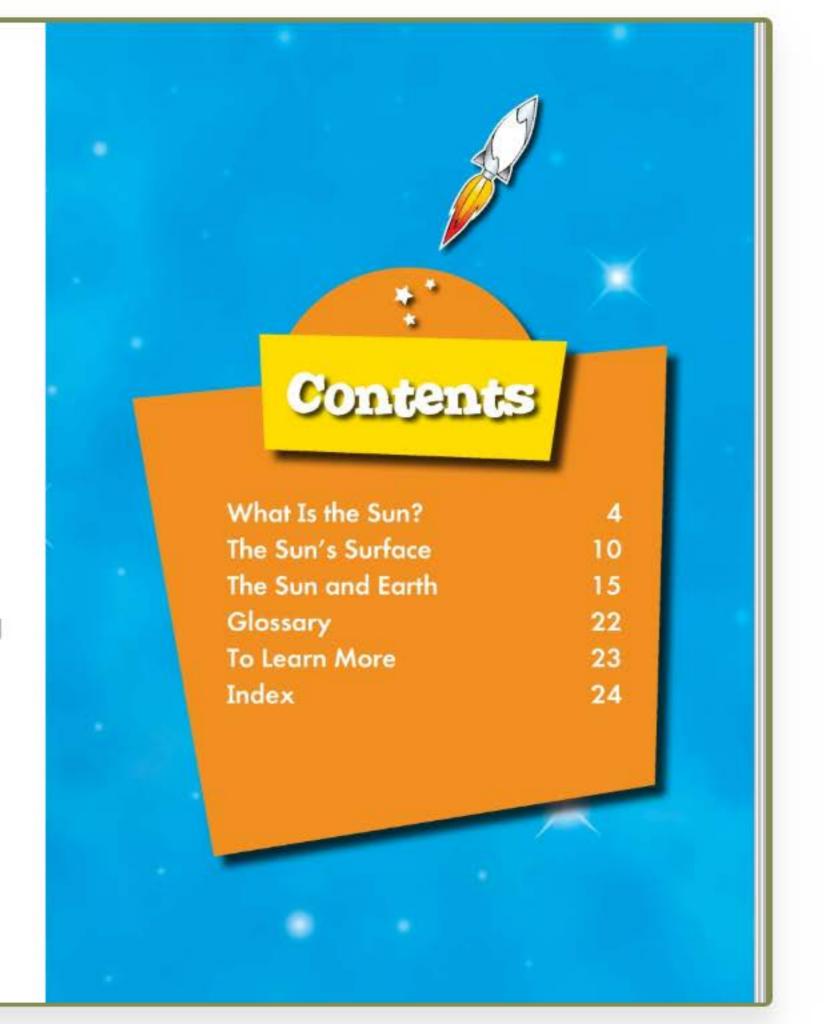
Eager students will explore how the sun works and its relationship to Earth and the other planets.

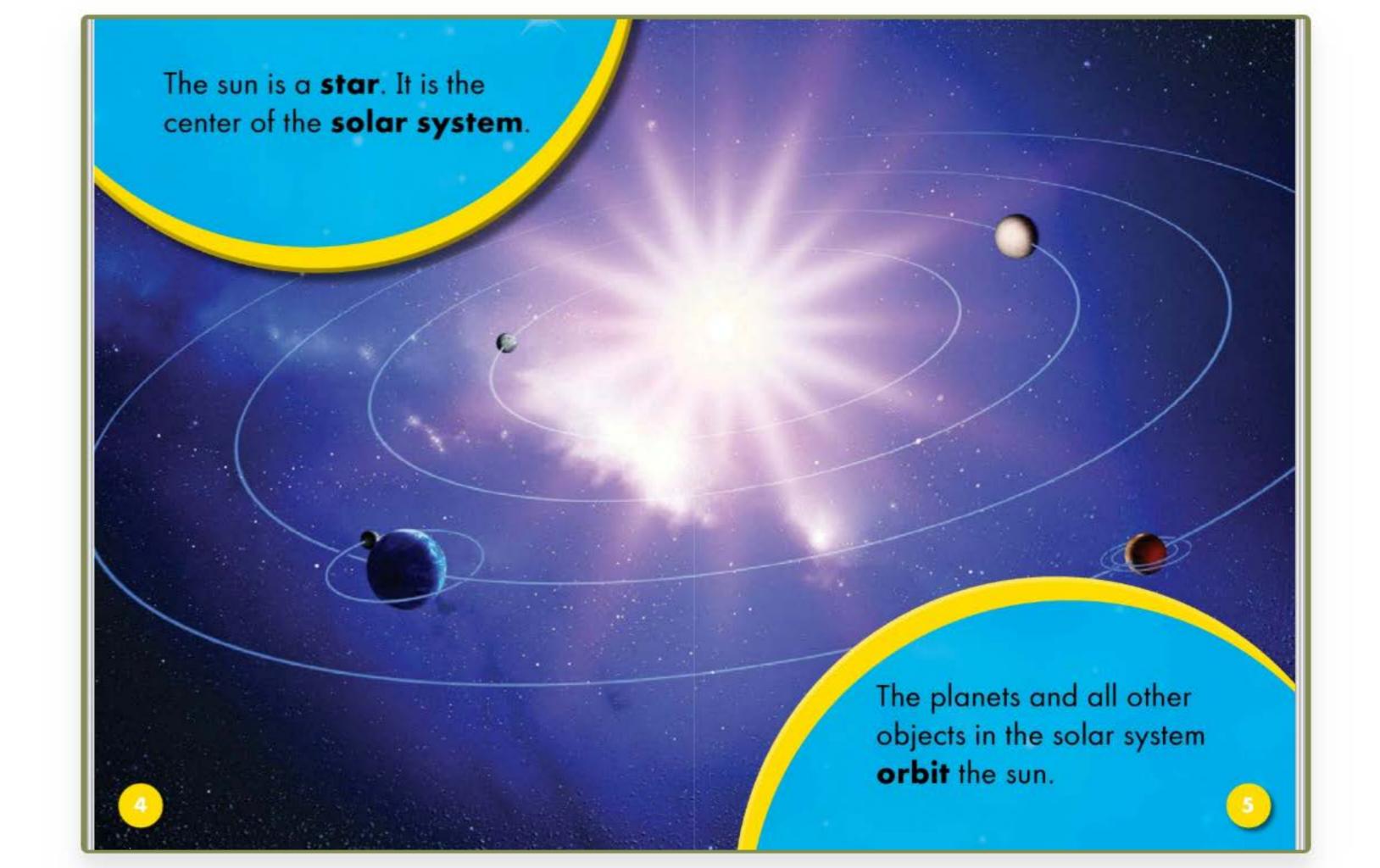
6-8 K

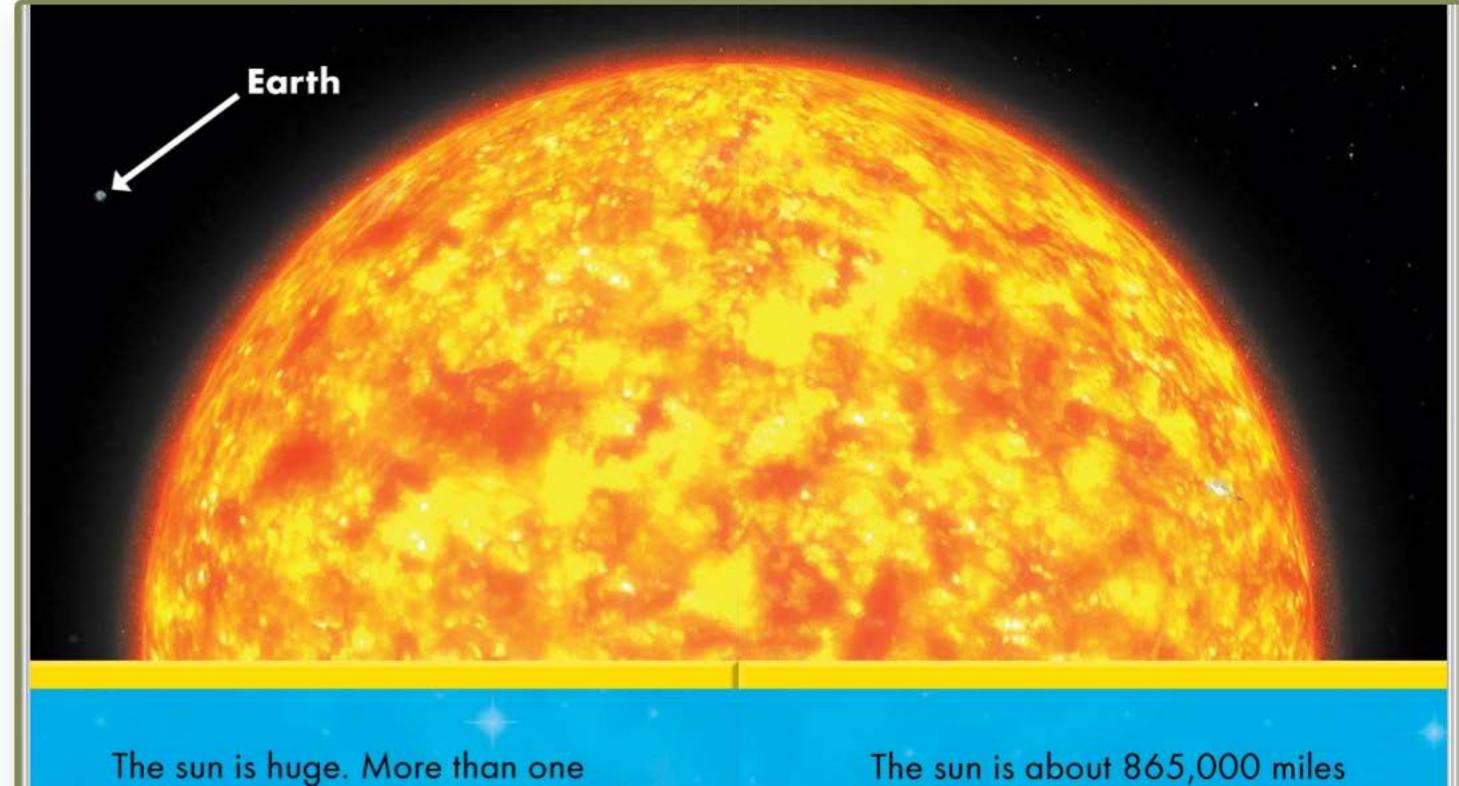
Age Range GR Level







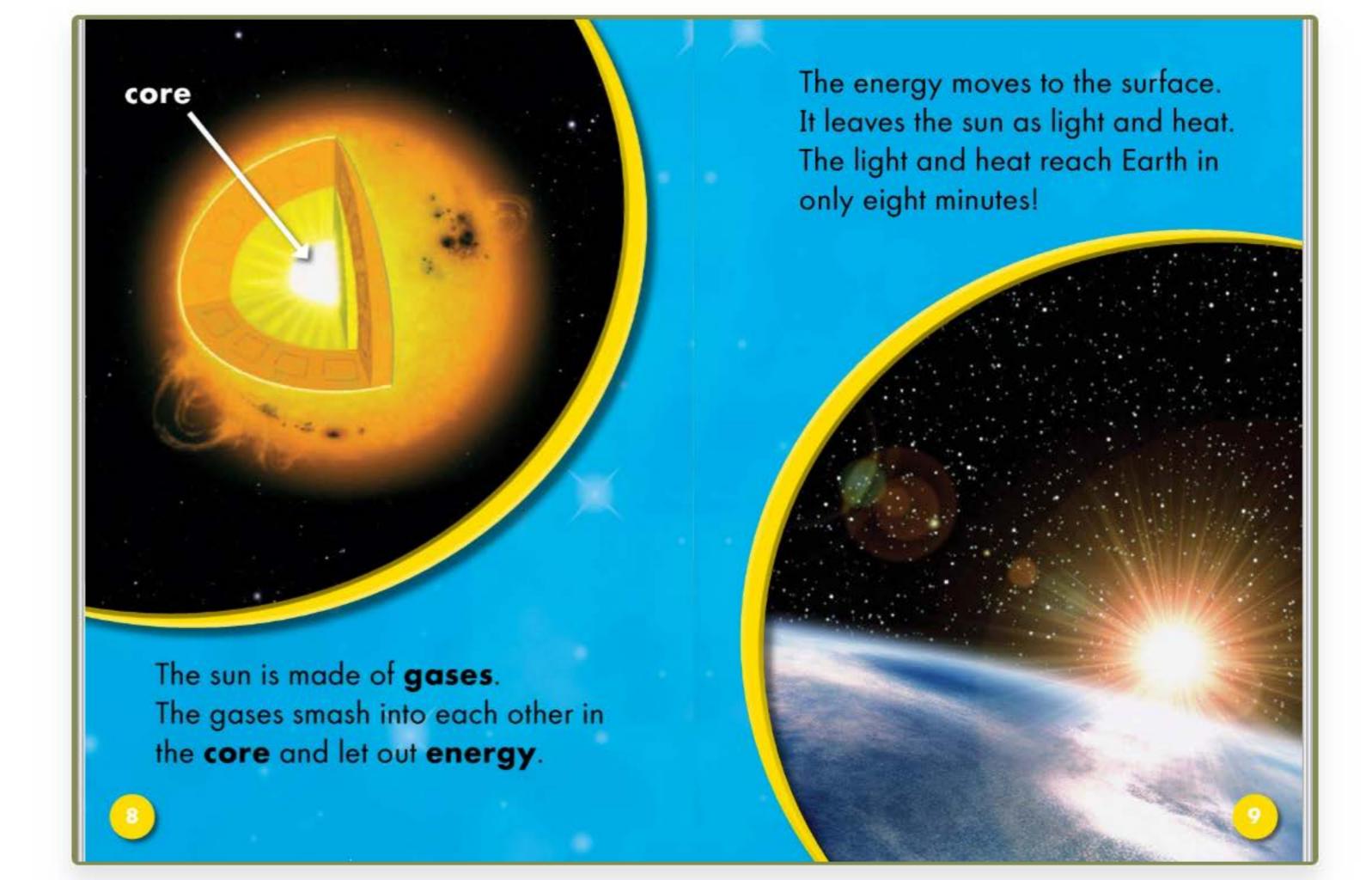


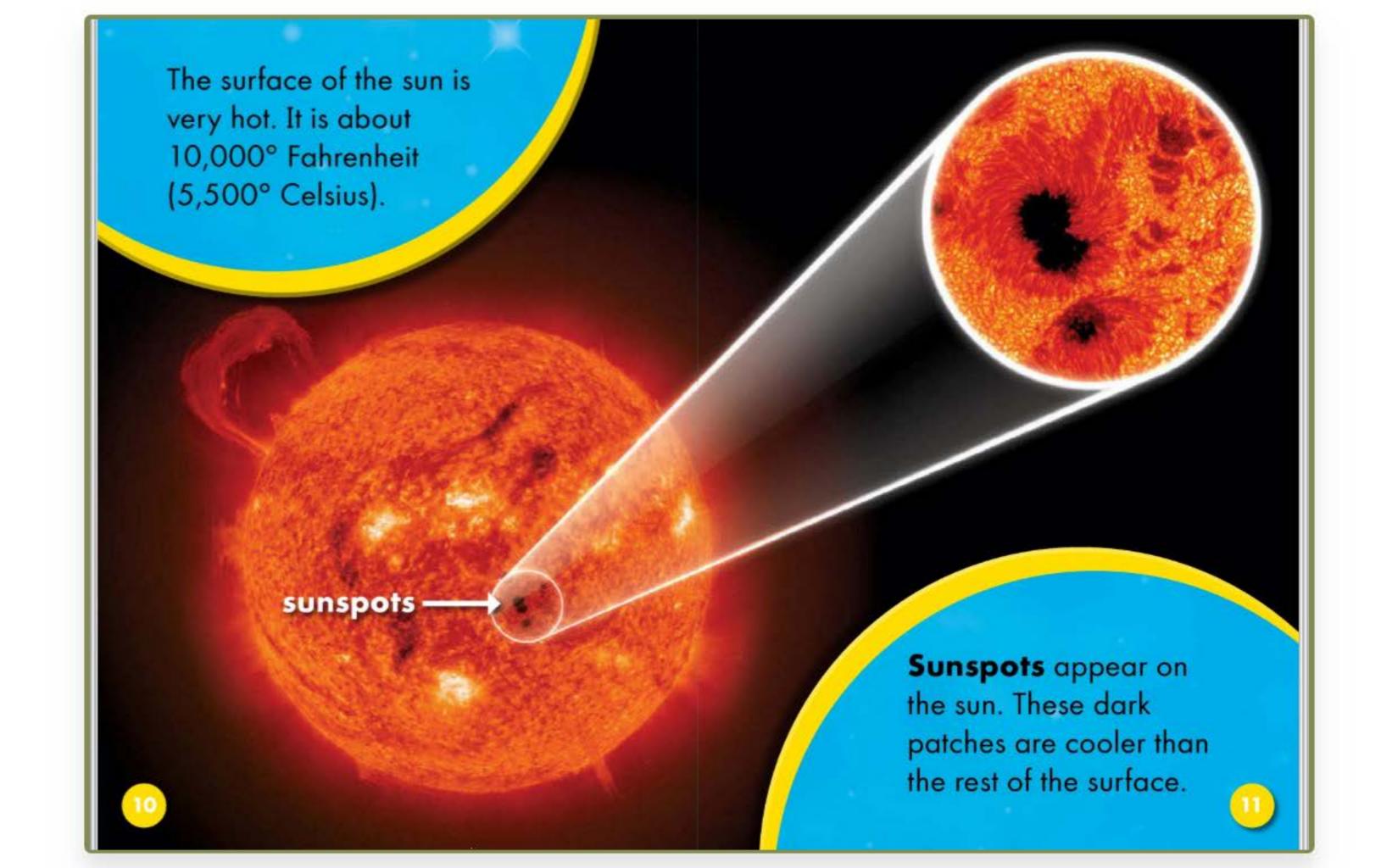


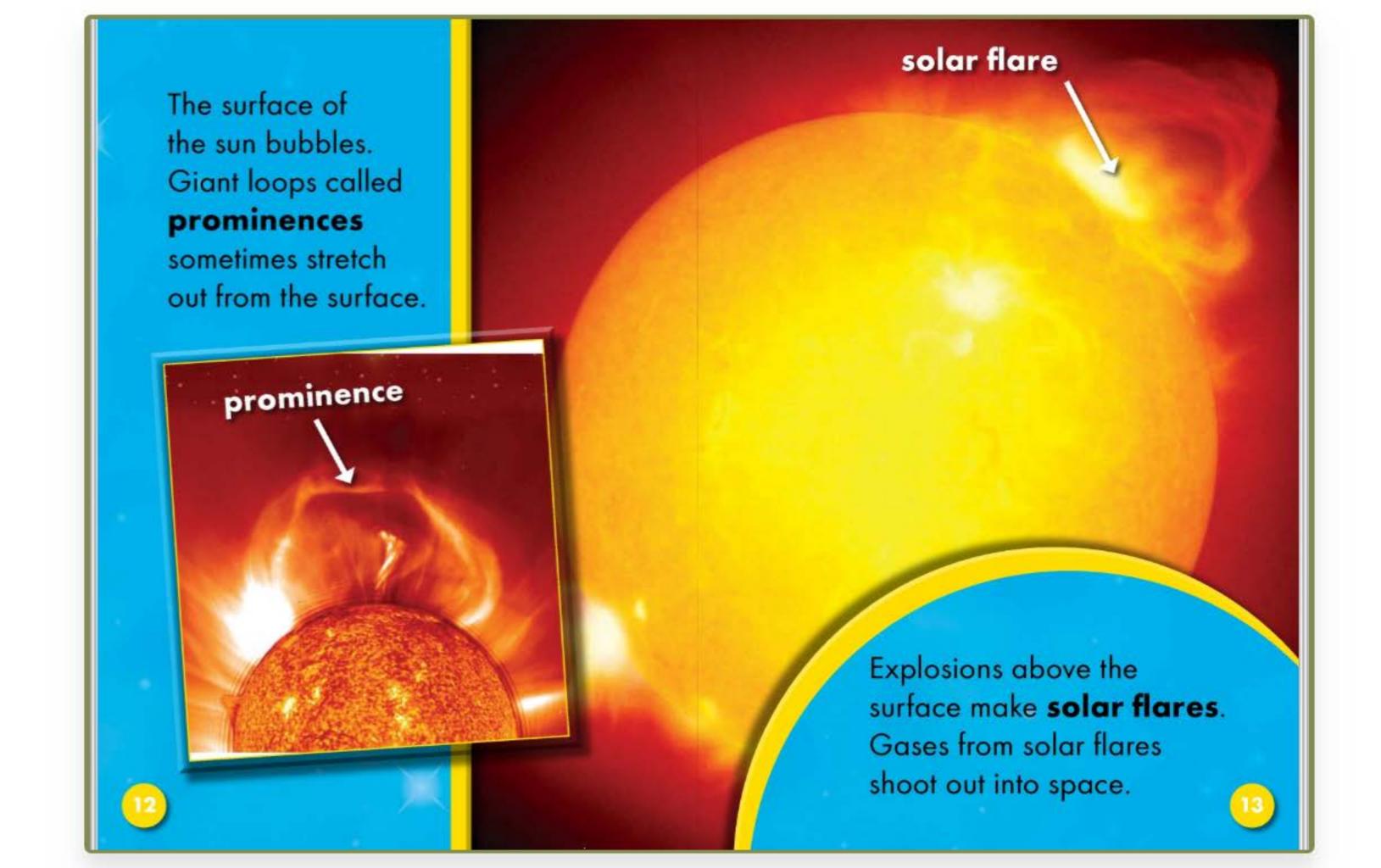
The sun is huge. More than one million Earths could fit inside the sun.

The sun is about 865,000 miles (1.5 million kilometers) wide.

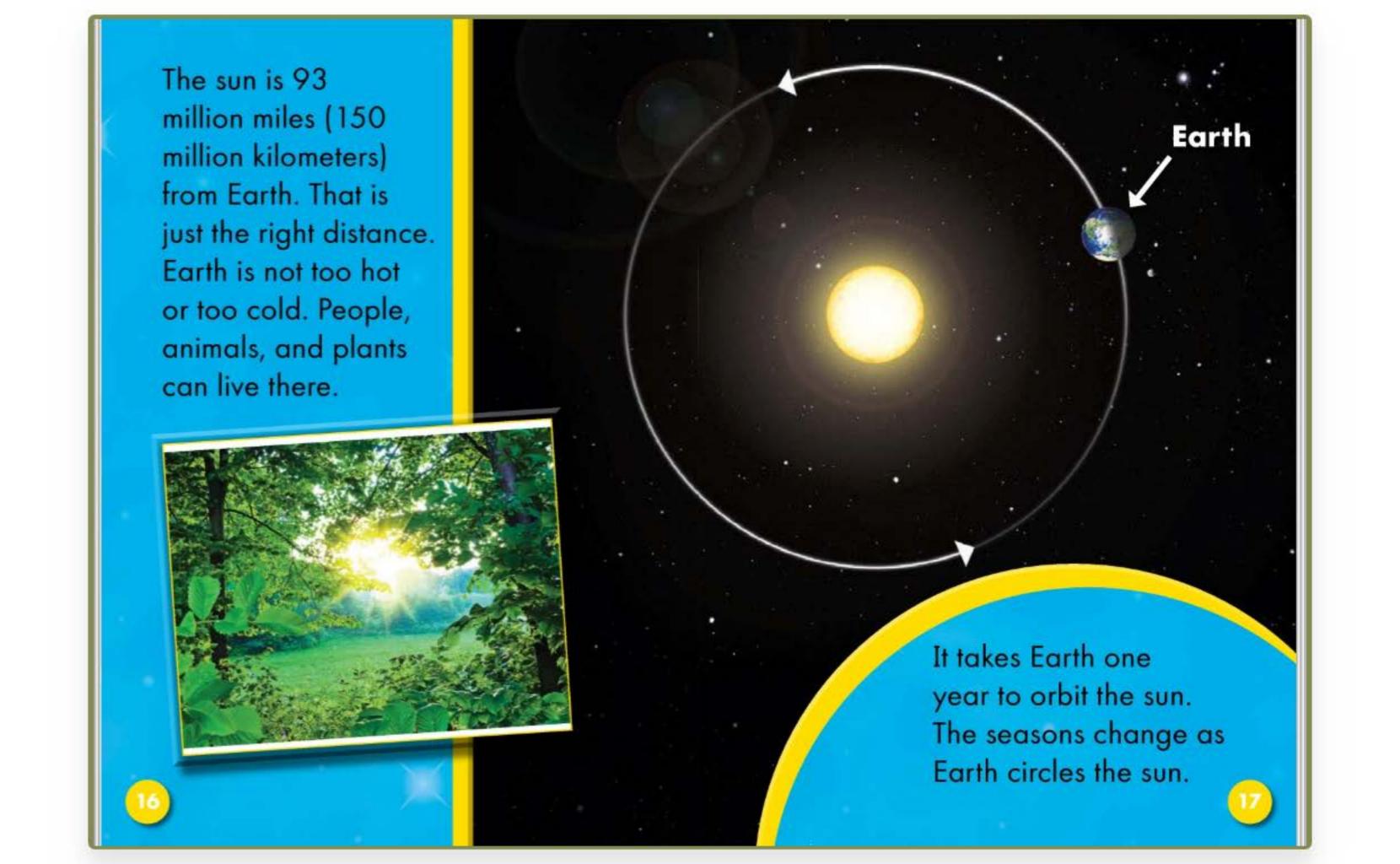
About 109 Earths could fit across the sun.

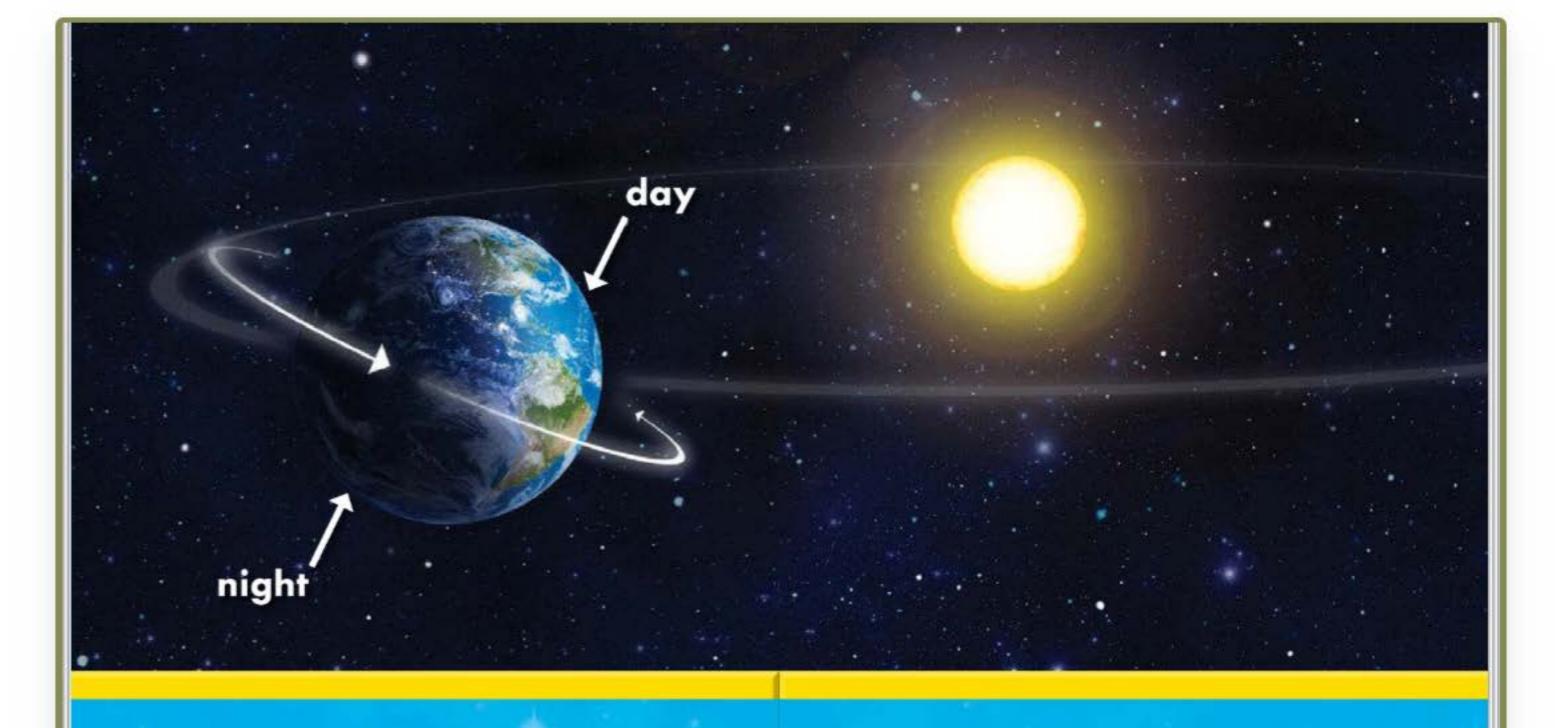












Earth spins around once in a day. From Earth, the sun appears to move across the sky.

The sun's light only shines on half of Earth at a time. It is day where the sun shines. It is night where the sun does not shine.



Glossary

atmosphere-the gases around an object in space

when solar wind hits Earth; auroras can be seen most often in the far north and far south; they are also called northern lights and southern lights.

core-the center of the sun or a planet

gives us the heat and light we need to live and work.

gases—matter that floats freely; the matter is close together at the core of the sun and it spreads out as it gets farther away from the core.

orbit-to travel around the sun or other object in space

prominences—giant loops of burning gases that shoot out from the sun's surface

solar flores—bursts of light and energy that explode from the surface of the sun

solar system—the sun and the objects that orbit it; the solar system has planets, moons, comets, and asteroids.

solar wind-matter from the sun's gases that flows out into space

ster—a large ball of burning gases in space; the sun is a star.

sunspots—dark patches on the surface of the sun that are cooler than the rest of the sun's surface

Almost Done!
Turn the page to finish this book.

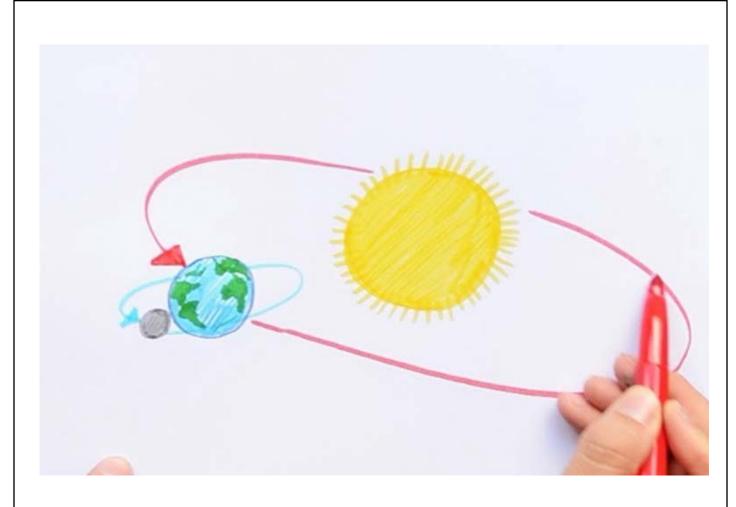
Name	#	Date	
TTGTTTC	• • • • • • • • • • • • • • • • • • • •	Date	

Sun Do Now

Directions: Circle the correct answers in questions 1 and 2, using the "The Sun: Exploring Space" text resource. Draw a picture of the Earth spinning around the Sun in question 3.

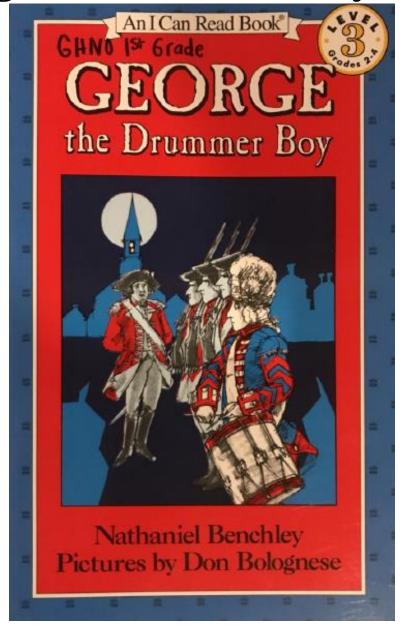
- 1. What is the center of solar system?
 - a. The Moon
 - b. The Earth
 - c. The Sun
- 2. What is the sun made out of?
 - a. The sun is made out of hot gases. >
 - b. The sun is made out of a giant rock.
 - c. The sun is made out of a liquid ocean.

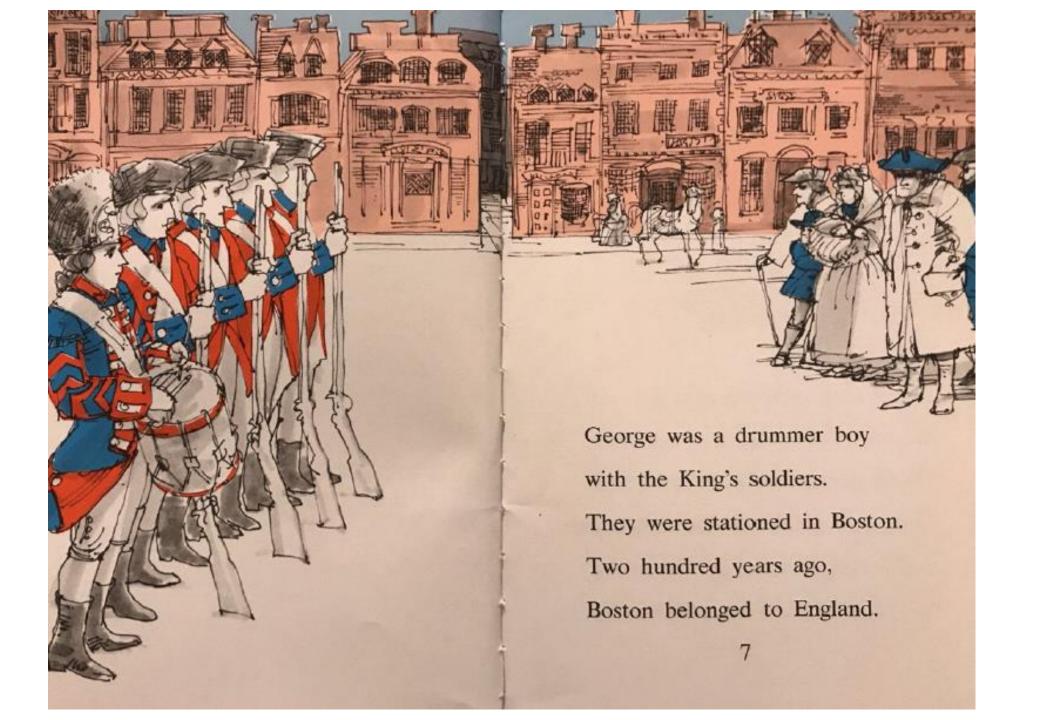
3. Draw a picture of the Earth spinning around the Sun.



Week 6 Literature – Tuesday

George the Drummer Boy – Part I







The Boston people
did not like the taxes
the King made them pay.
Since they could not show their anger
to the King,
they showed it to his soldiers.



George wanted to be friends
with the people.
But it was hard to be friends.
All they did was shout
and throw things
at the soldiers.



A spy told the British commander,
"People are hiding cannon
and gunpowder in Concord."

Concord was a town
about twenty miles from Boston.

The commander, General Gage,
decided to send troops out
to capture all the cannon and powder
they could find.
He made his plans in secret,
so the people
would be taken by surprise.





First,

he picked two companies of soldiers, and said they were going to have special training.

George's company was one of these.

When he heard the news,
he went to see his friend Fred.



"What does it mean?" he asked.

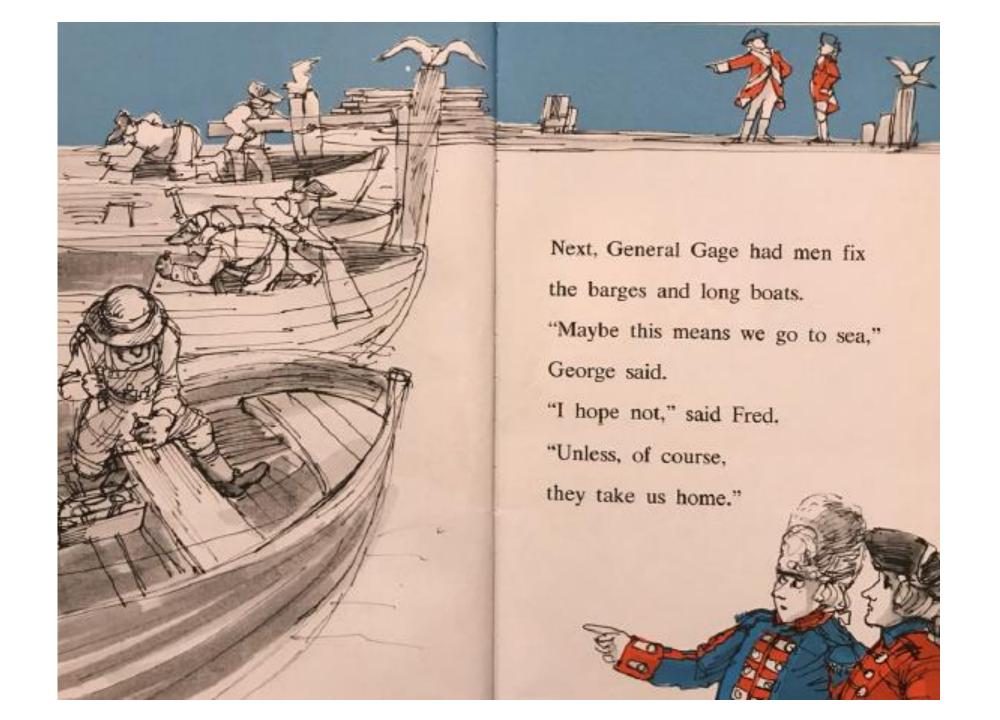
"No idea," Fred replied.

"Why not ask someone?" said George.



"In the Army you don't ask questions," Fred said.

"You do as they tell you."





Three nights later,
after the soldiers had gone to bed,
they were wakened,
and told to get dressed.

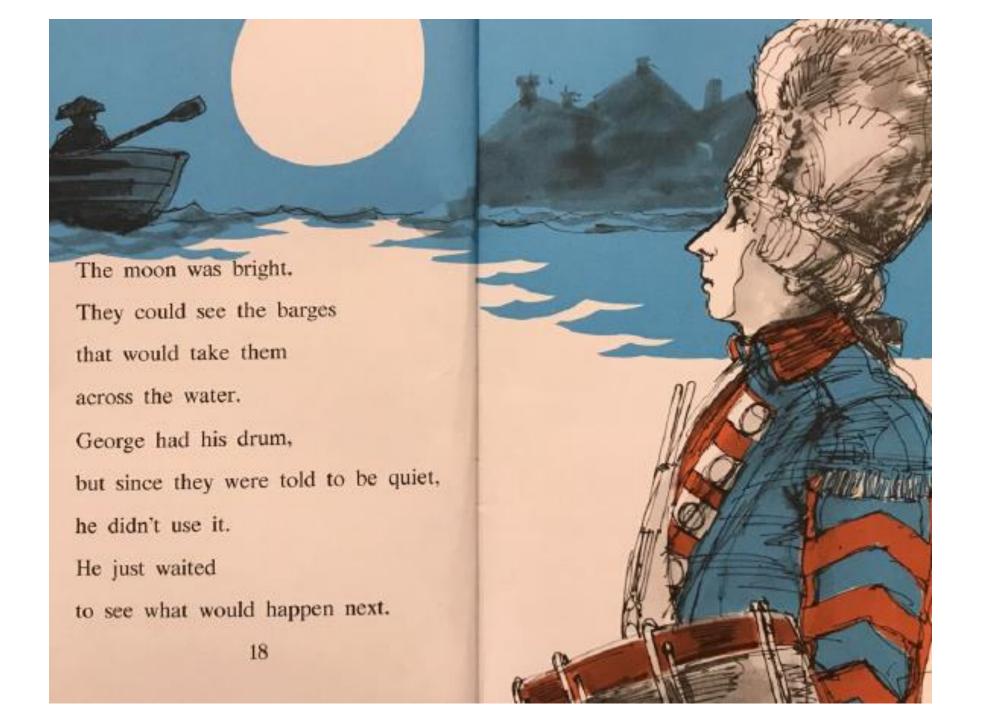
"What kind of training is this?"
George asked.

"Do they want us to play owls?"

"Don't ask," said Fred.

"Just dress."

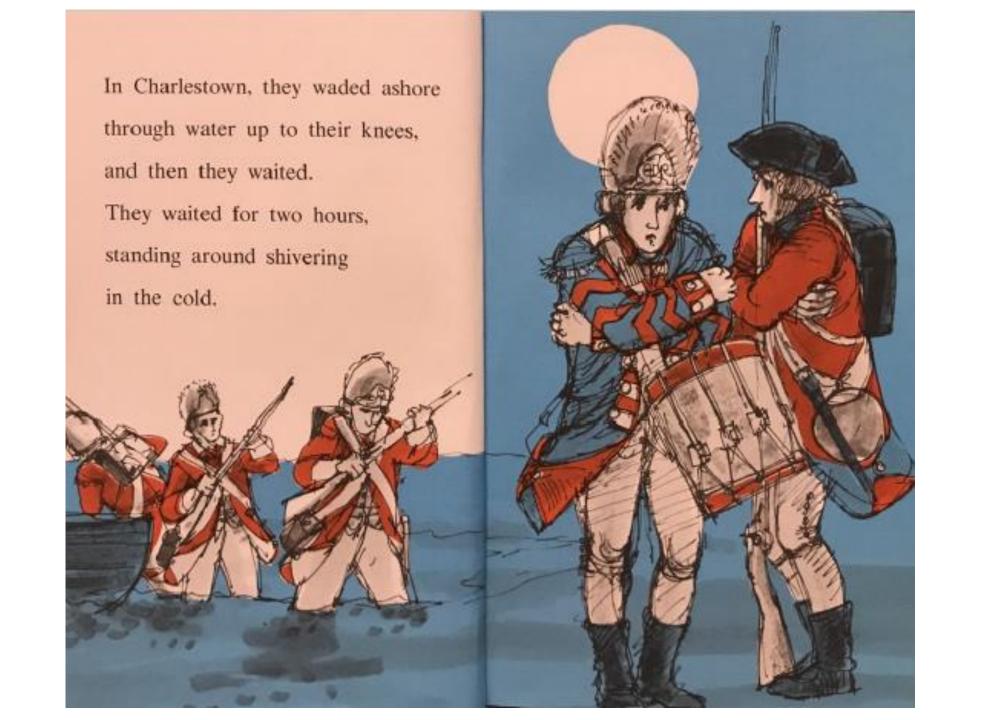






They crowded into the boats and barges, and were rowed across the Charles River to Charlestown.

It was early spring,
and the wind from the east was cold.
George sat close to Fred,
to keep warm.





Behind them, in Boston,

George saw two lights in the spire
of the Old North Church.

"I wonder what they mean," he said.

"Most likely they're a signal," said Fred.

"What for?" asked George.

"The General hasn't told me,"

Fred said.

George was too cold to laugh.



At last, they started to march.

Major Pitcairn was in charge of George's company.

He told them

they were going to Concord,

to look for hidden guns and powder.

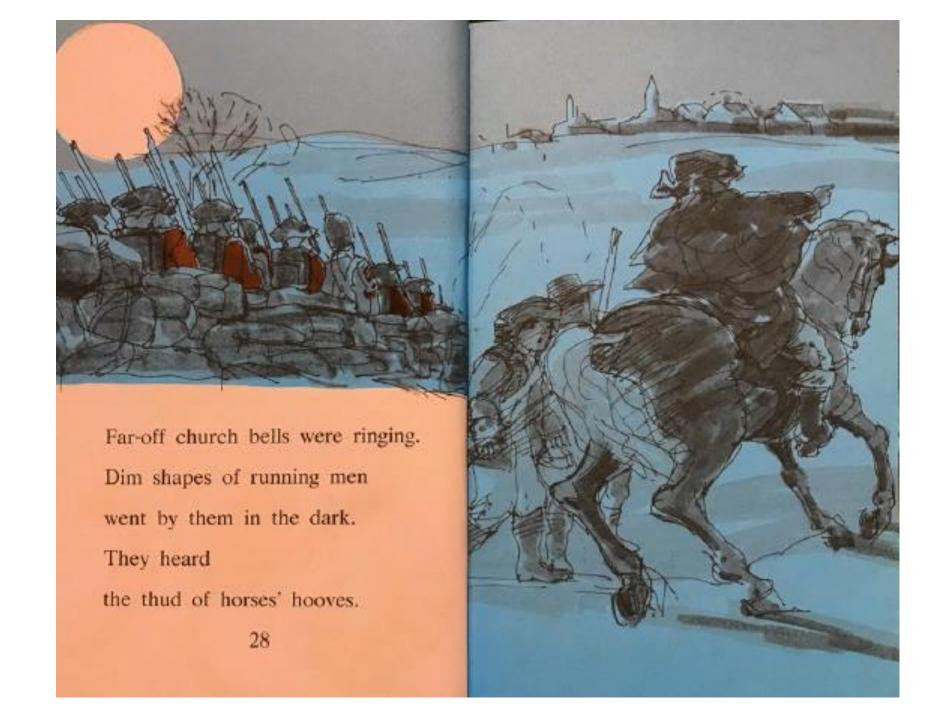
George sneezed.

"Shh," said Fred.

"You'll wake the countryside."

After a while, they could hear the boom of cannon in the distance.







"I think they know we're coming," George said.

"I told you not to sneeze so loud," said Fred.

"Big joke," said George.

"I'm scared."

"Those lights we saw," said George.

"They must have been a signal we were on our way."

"That's right," Fred replied.

"This may turn out to be a long day."

Amazingly Awesome Adjectives 1

Directions: Circle the noun(s) with a RED crayon and highlight the adjective with a YELLOW crayon.

Example: The tree is tall.

- 1. I love pepperoni pizza.
- 2. Your blue coat is fluffy.
- 3. Snow is cold and wet.

Optional Additional Practice

- 4. The bright sun is hot.
- 5. I like sweet pie.

SPACE Great Hearts Northern Oaks First Grade Team

Planets



Planets are in space.

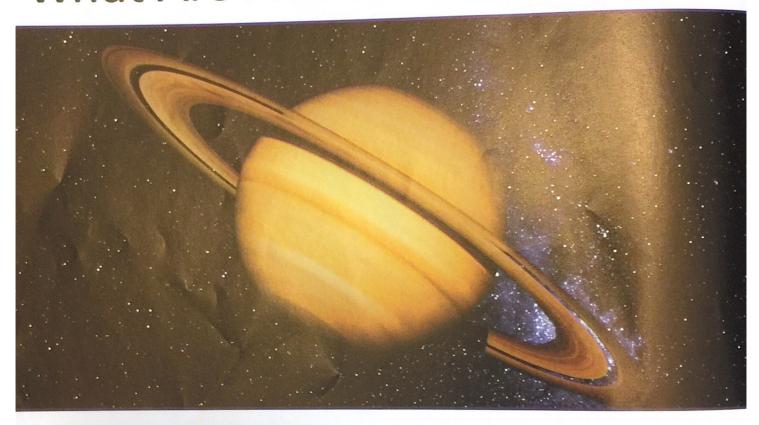




Space is up above the sky.

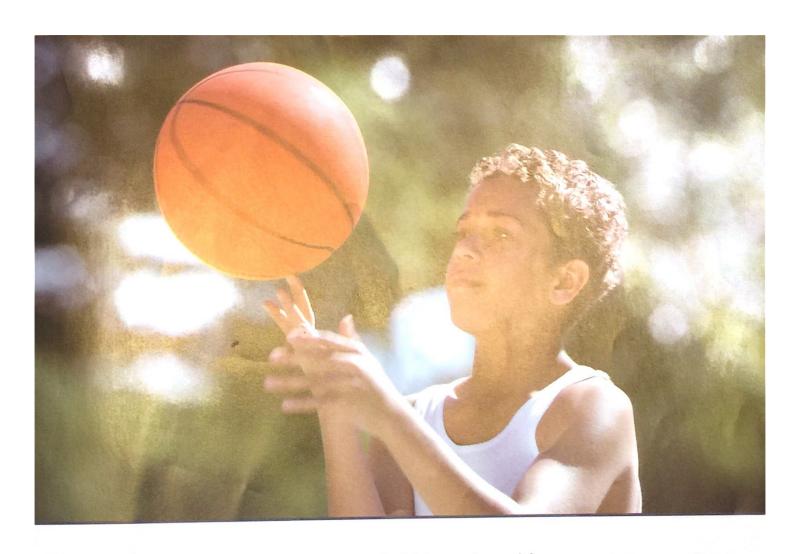


What Are Planets Like?



Planets are giant objects in space.





Planets are shaped like balls.





Some planets are made of rock.

Mercury, Venus, Earth, and Mars are

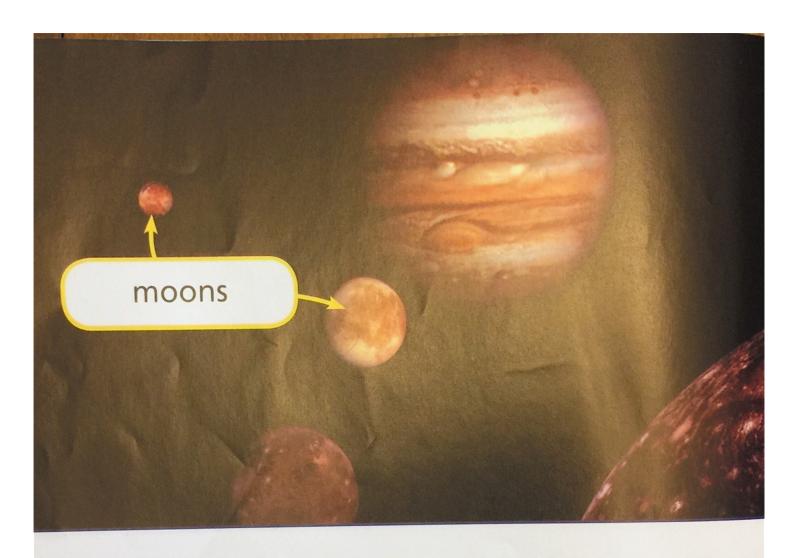
made of rock.



Some planets are made of gas.

Jupiter, Saturn, Uranus, and Neptune are made of gas.





Some planets have moons. Jupiter has many moons.





Some planets have rings. Saturn has rings.



The Solar System



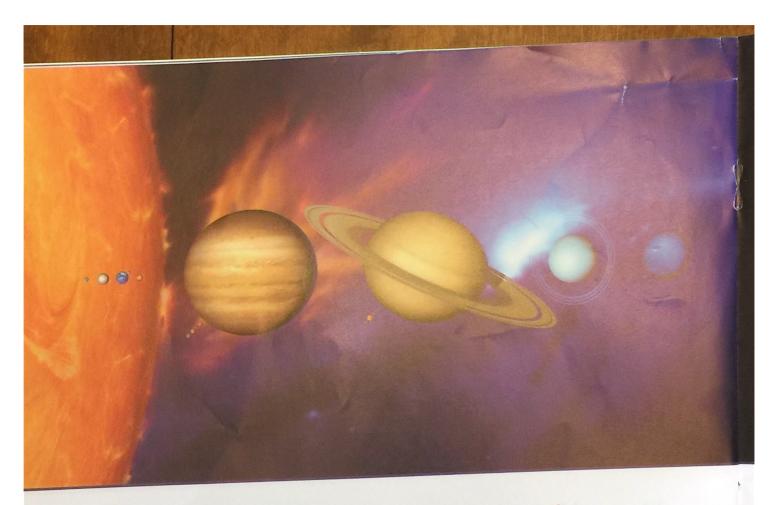
There are eight planets in the Solar System.





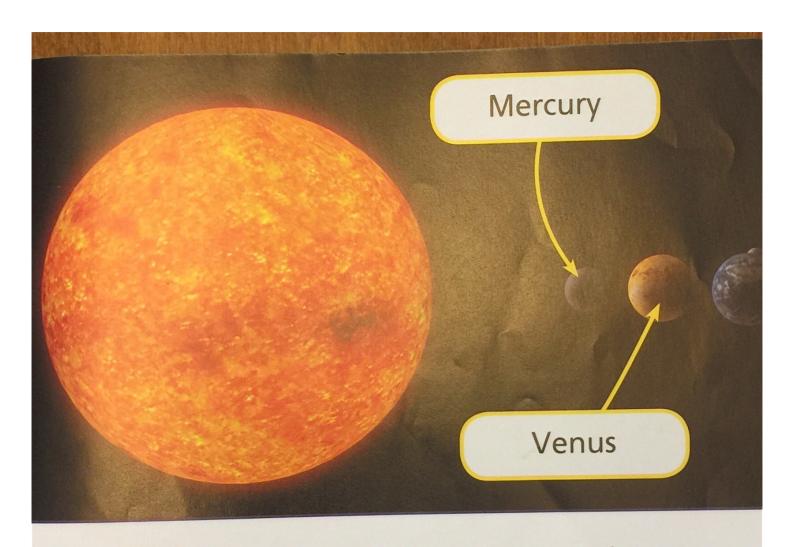
The planets move around, or orbit, the Sun.





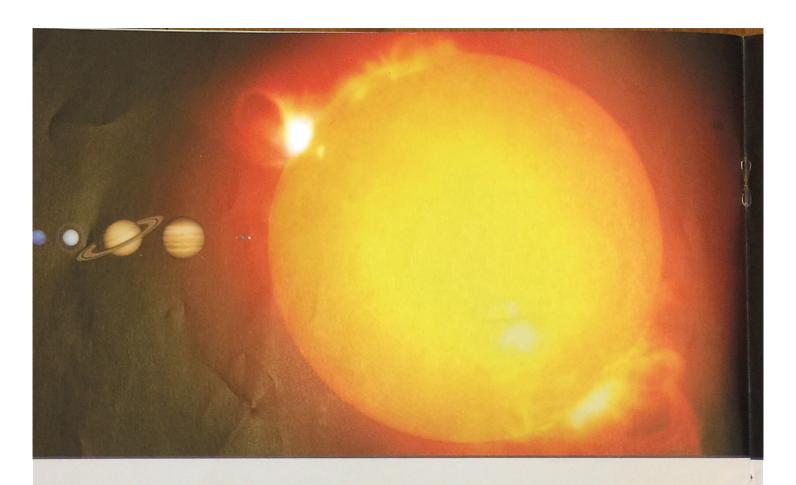
Some planets are close to the Sun.





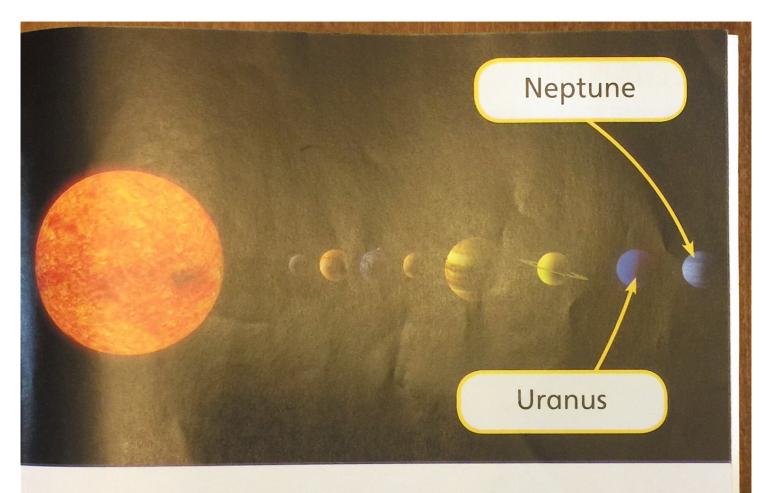
Mercury and Venus are planets close to the Sun.





Some planets are far away from the Sun.





Uranus and Neptune are planets far away from the Sun.

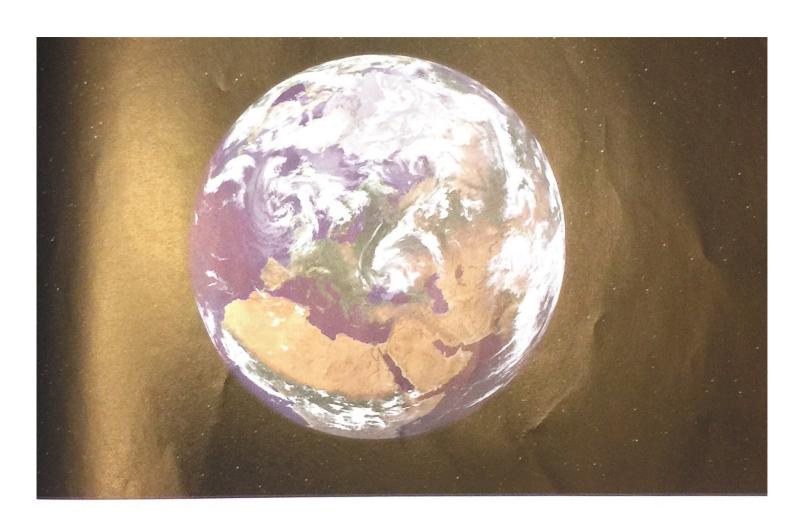


Earth



Earth is a planet.
We live on planet Earth.





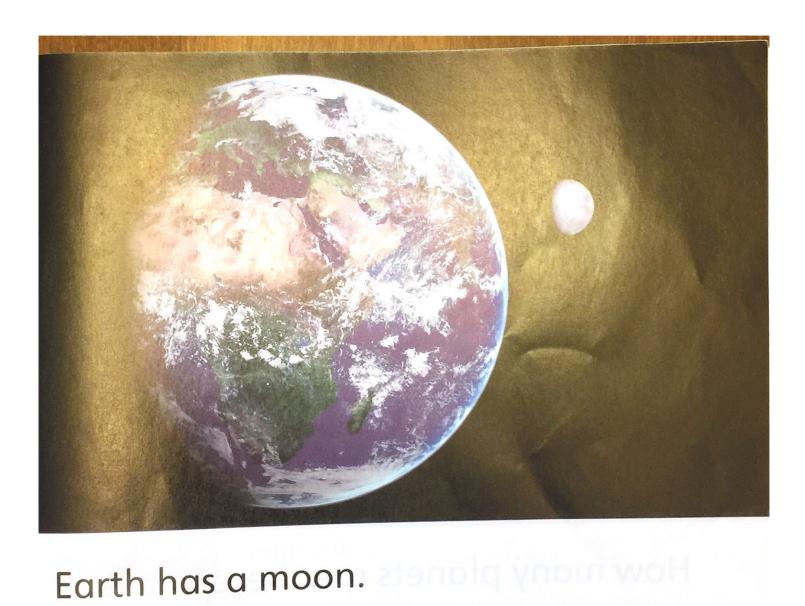
Earth is in space.





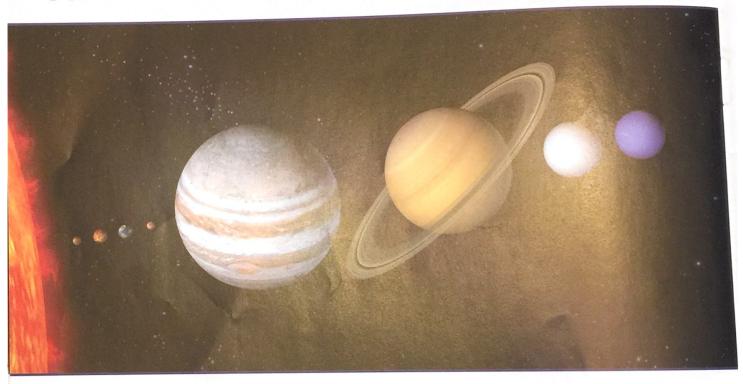
Earth orbits the Sun.







Can You Remember?



How many planets are there in the Solar System?





The Planets Song

Sung to the tune of "The Ants Go Marching One-by-One"

The planets revolve around the sun, hoo-rah, hoo-rah!
The planets revolve around the sun, hoo-rah, hoo-rah!
The planets revolve around the sun
Rotate on their axis every one
And they all go orbiting, 'round and around they go!

Mercury, Venus, Earth, and Mars, hoo-rah, hoo-rah!
Mercury, Venus, Earth, and Mars, hoo-rah, hoo-rah!
Mercury, Venus, Earth, and Mars
All whirling and twirling among the stars
And they all go orbiting, 'round and around they go!

Jupiter, Saturn are next in line, hoo-rah, hoo-rah!

Jupiter, Saturn are next in line, hoo-rah, hoo-rah!

Uranus and Neptune make eight

Isn't our solar system great?

And they all go orbiting, 'round and around they go!



Name: Mrs. Brogan #3 Date: 4-28-20

There are helpful ways to remember the order of the planets by using the first letters of the planets and putting them into a sentence. This is called a "mnemonic."

Here is an example:

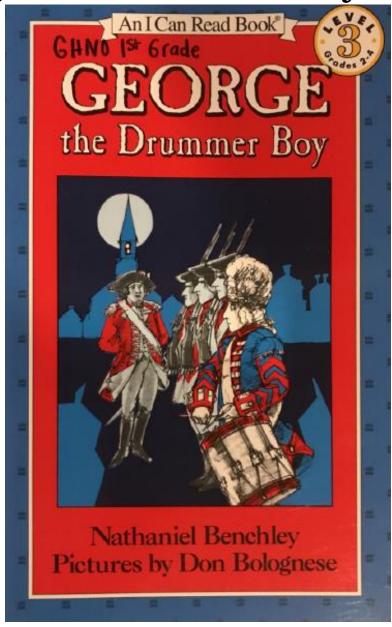
My very excited mother just served us noodles.

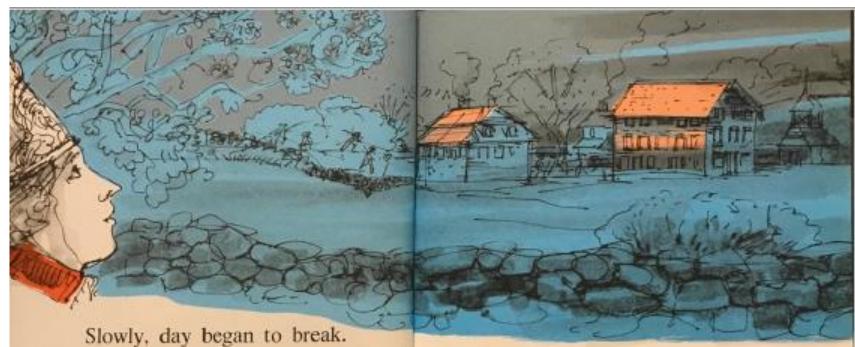
Directions: Write planets in the order starting with the planet closest to the sun.

Mercury	V <u>enus</u>
(My)	(<u>v</u> ery)
E <u>arth</u>	M <u>ars</u>
(<u>e</u> xcited)	(<u>m</u> other)
J <u>upiter</u>	s <u>aturn</u>
(just)	(<u>s</u> erved)
U <u>ranus</u>	N <u>eptune</u>
(<u>u</u> s)	(noodles.)

Week 6 Literature – Wednesday

George the Drummer Boy – Part II





Birds chirped and twittered

in the trees.

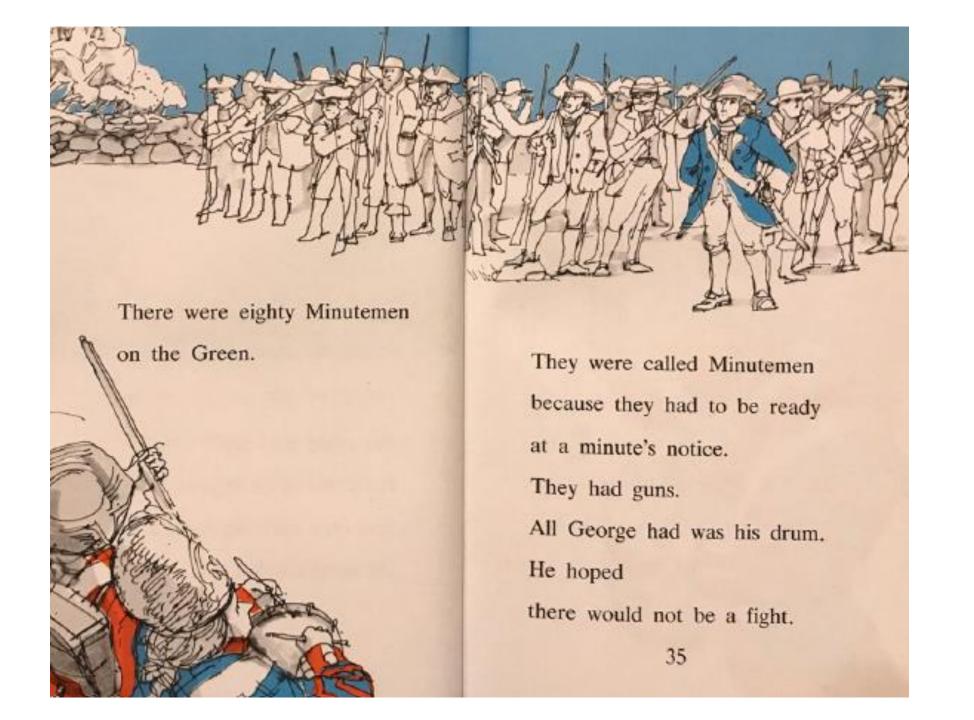
When it was light enough,

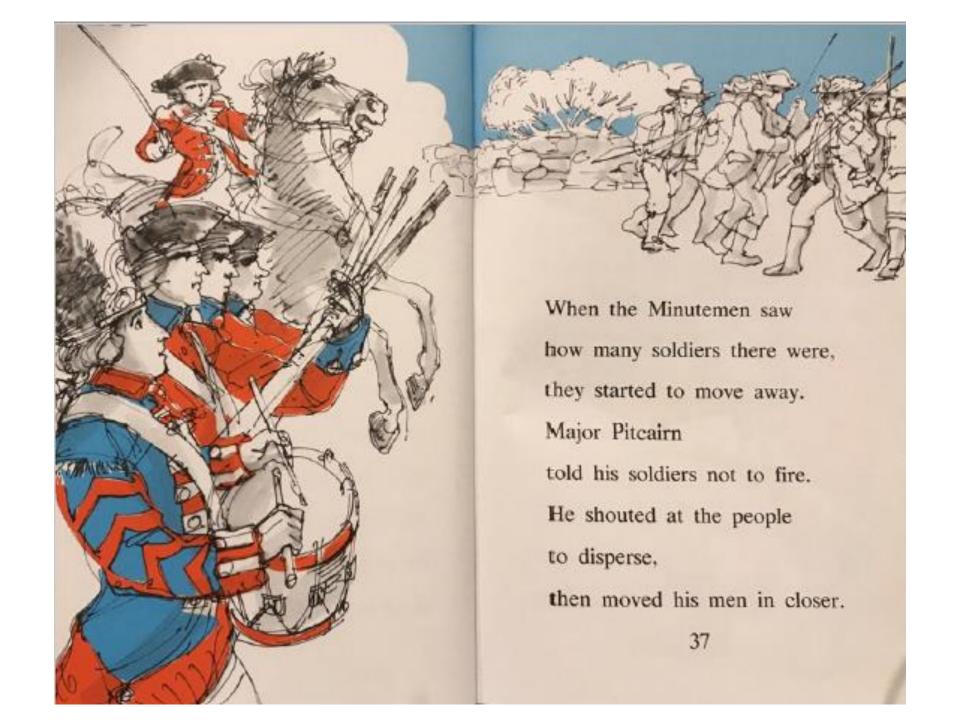
George could see

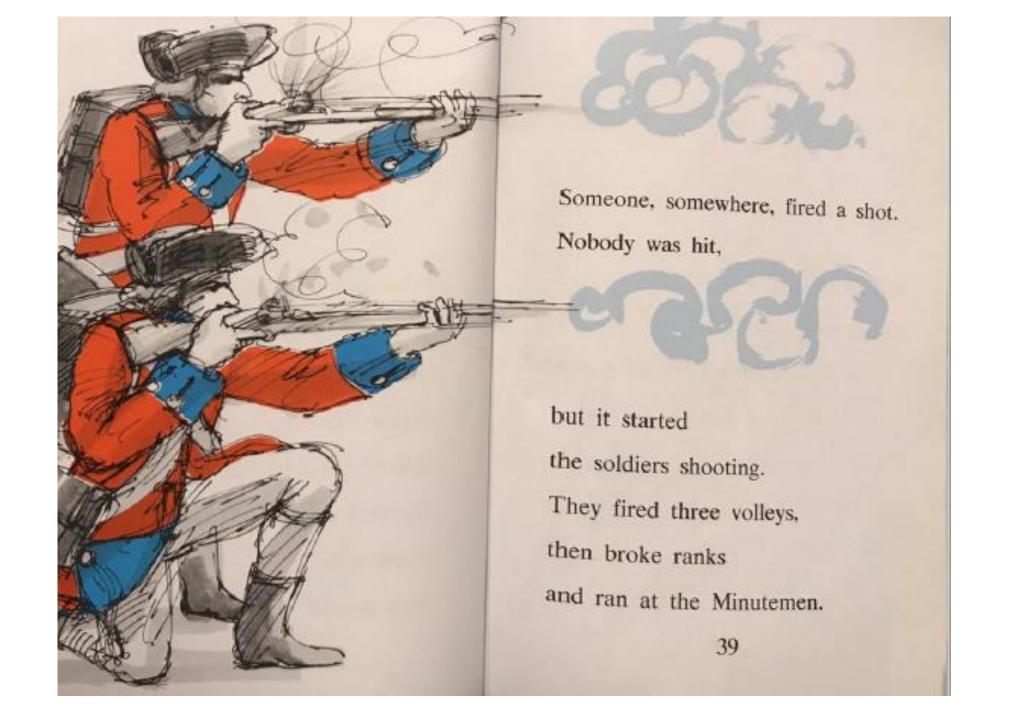
blossoms on the apple trees

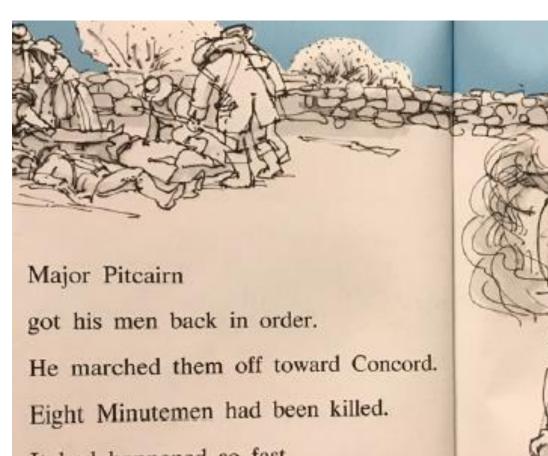
beside the road.

He could also see the town of Lexington, and men hurrying toward it across the fields.





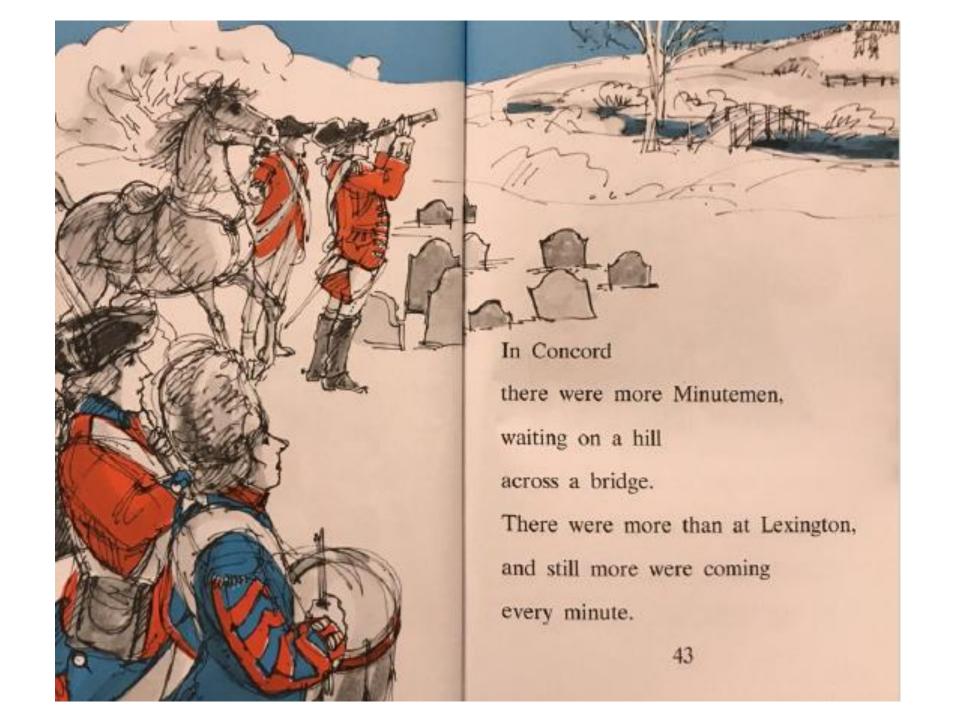




Eight Minutemen had been kill

It had happened so fast
that George had no time
to be afraid.







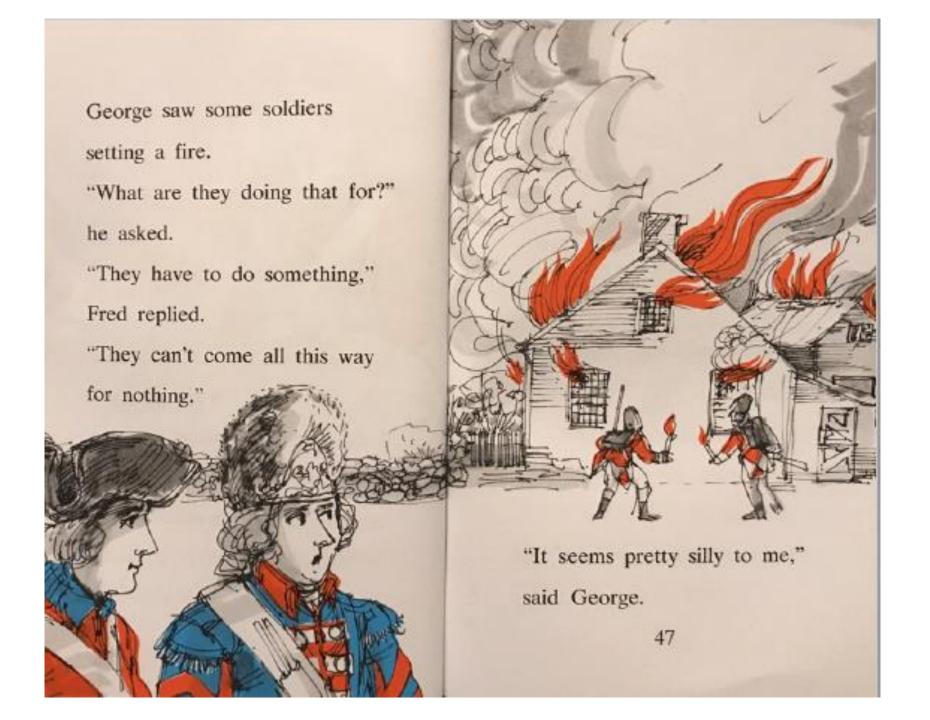
George began to wonder
what he was doing there.
"I wish I was back in Boston,"
he told Fred.



"Me, too," said Fred.

"I don't like this place
one little bit."

All the guns and powder
had been taken out of Concord,
and hidden someplace else.





The Minutemen saw the smoke, and thought the town was being burned.

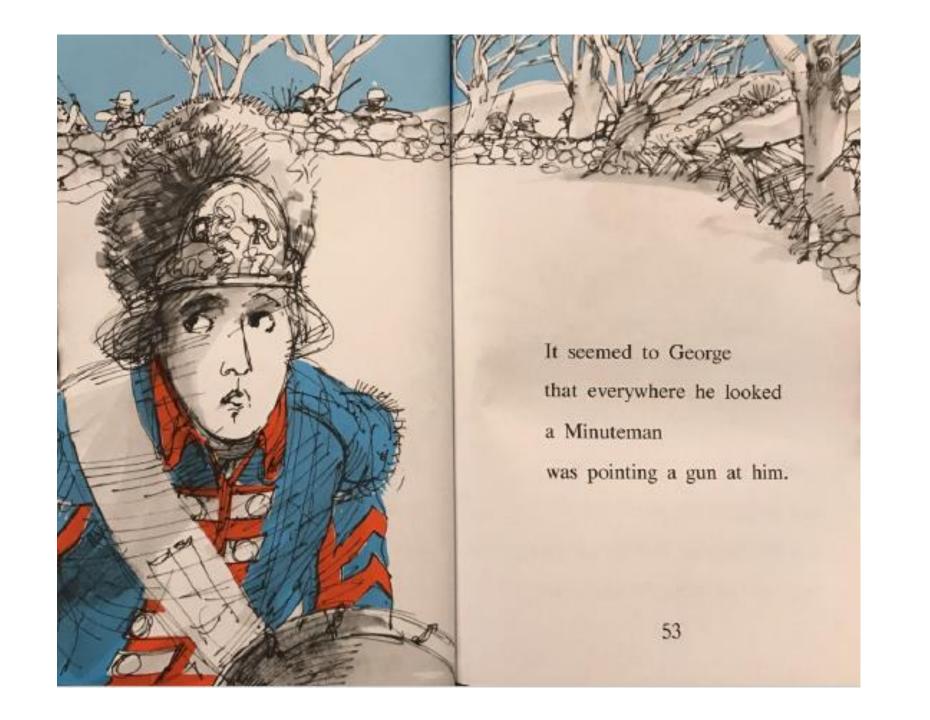
They charged down the hill at the soldiers, and the soldiers turned and fled.



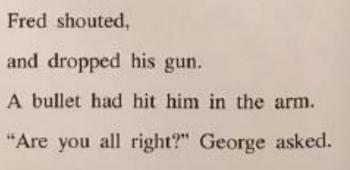
"I knew that was a bad idea,"
George said, as he ran.

"Look what they started."







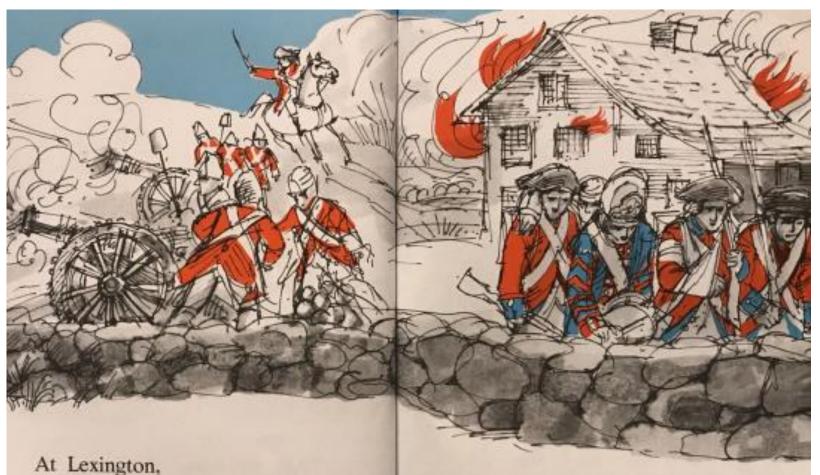




"Ask me later," Fred replied.

"This is no time for talk."

George picked up the gun,
and kept on running.



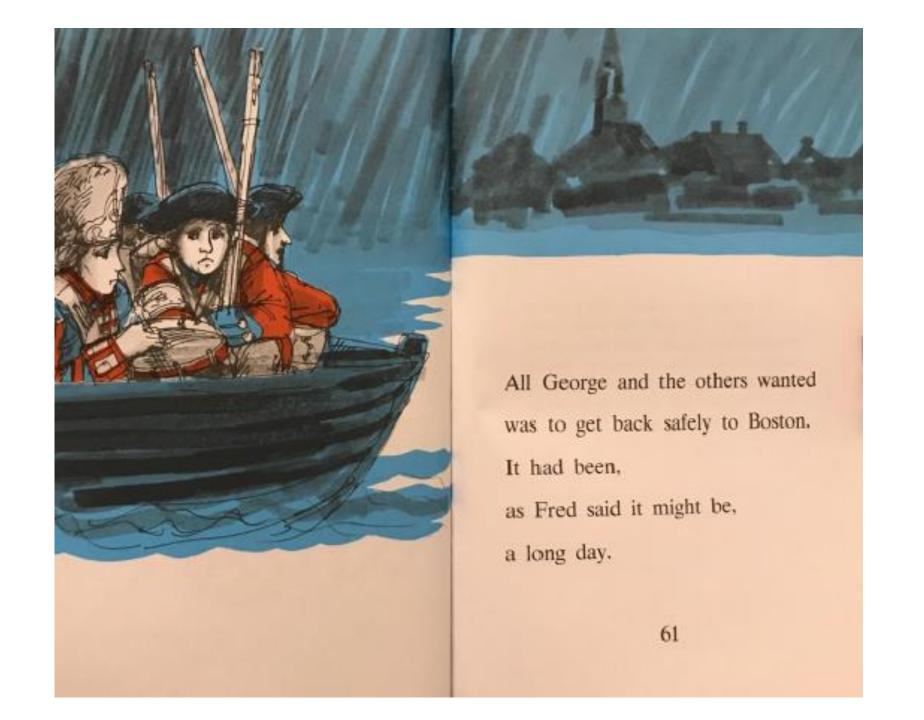
At Lexington,

they met more British soldiers, who had come out from Boston to help.

These soldiers had two cannons, which kept the Minutemen away until the others could escape.

It was dark and raining by the time they got back to Charlestown. Nobody knew or cared that this was the start of the Revolution. When it was over, America would be a country of its own.





Amazingly Awesome Adjectives 2

Directions: Circle the noun(s) with a RED crayon and highlight the adjective with a YELLOW crayon.

Example: The tree is tall.

- 1. I saw a black cat.
- 2. The puppy is cuddly and cute.
- 3. I like juicy, red strawberries.

Optional Additional Practice

- 4. This is a warm, red hat
- 5. My brother is silly.



Rocky Planets

By: Kyla Steinkraus

All four planets, Mercury, Venus, Earth, and Mars are described with information about heir atmosphere, landscape, orbits, and Fun Facts.

5-7 Q Age Range GR Level

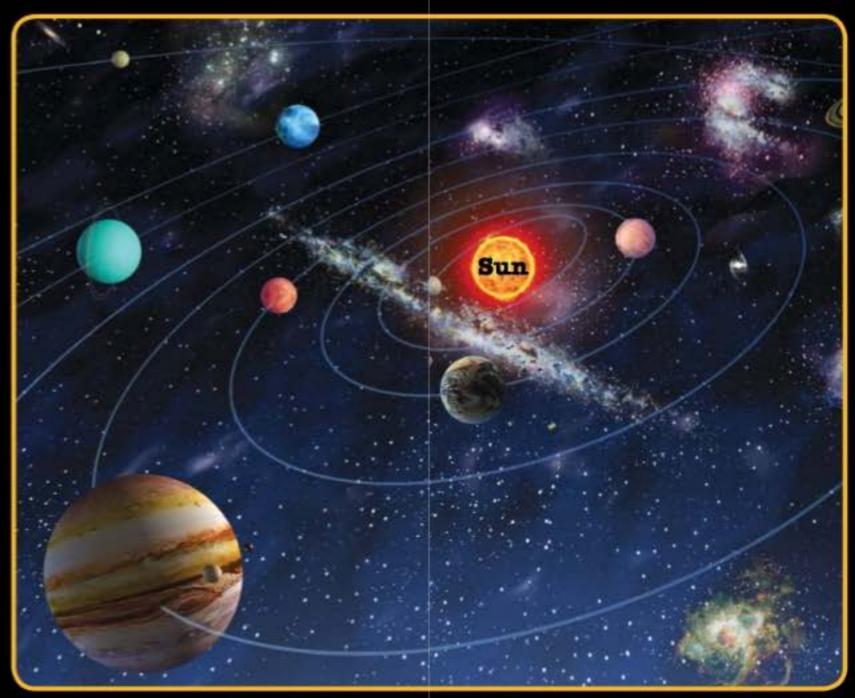






Welcome to the Planets

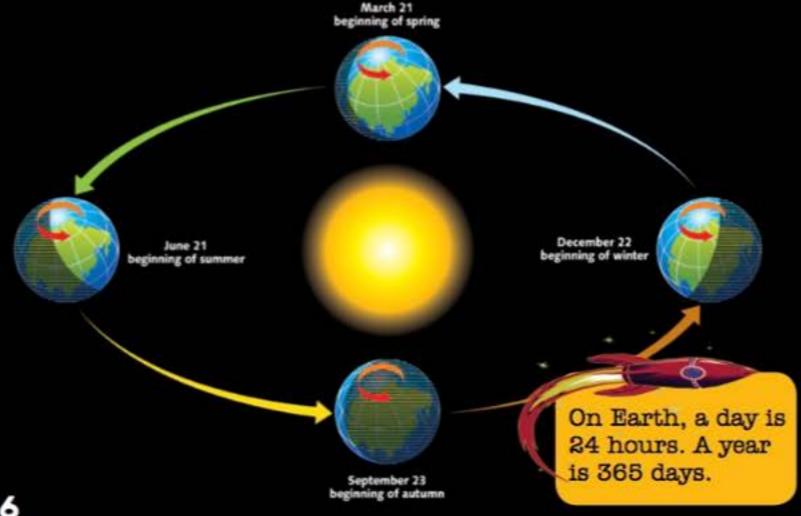
When you look up into the sky at night, what do you see? Our solar system is made up of the millions of objects in the sky above us. These include the Sun, Moon, stars, and planets.



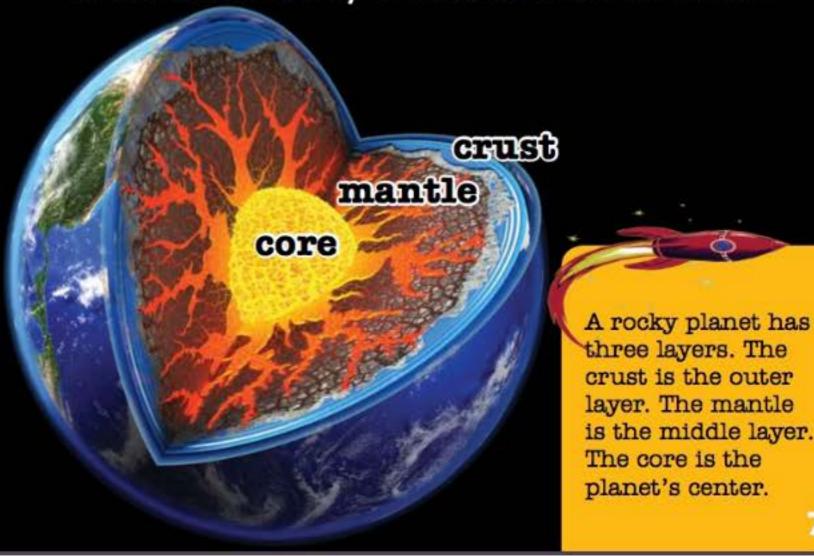
A planet is a round body in space that circles, or **orbits**, the Sun. A planet also **rotates**, or spins, on its **axis**.



Every planet moves at a different speed. A year is the amount of time it takes a planet to orbit the Sun once. A day is the amount of time it takes for a planet to rotate once. Years and days are different for each planet.



There are eight planets in our solar system. The four planets closest to the Sun are known as the rocky planets. They are Mercury, Venus, Earth, and Mars. They are made mostly of rock with an iron core.



Up Close with Mercury

Mercury is closest to the Sun, so it is extremely hot and dry. Because it has no atmosphere, or air, there are no clouds or wind.



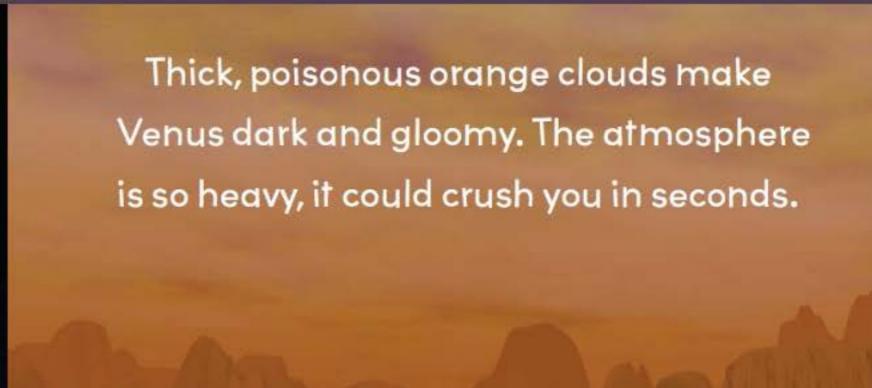
Mercury is the smallest planet.



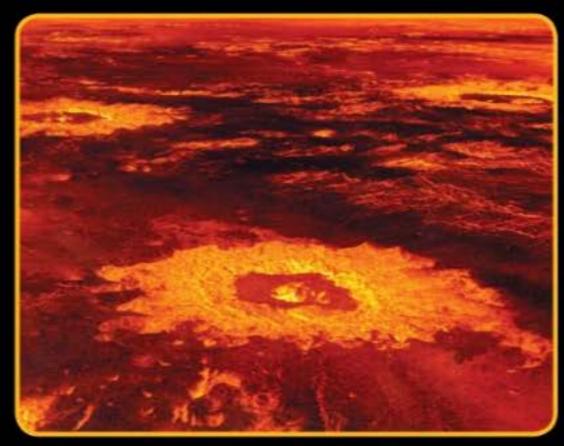
Mercury has many plains and craters, just like our Moon. It also takes a shorter time to orbit the Sun. An entire year on Mercury lasts only 88 days.

Lovely Venus

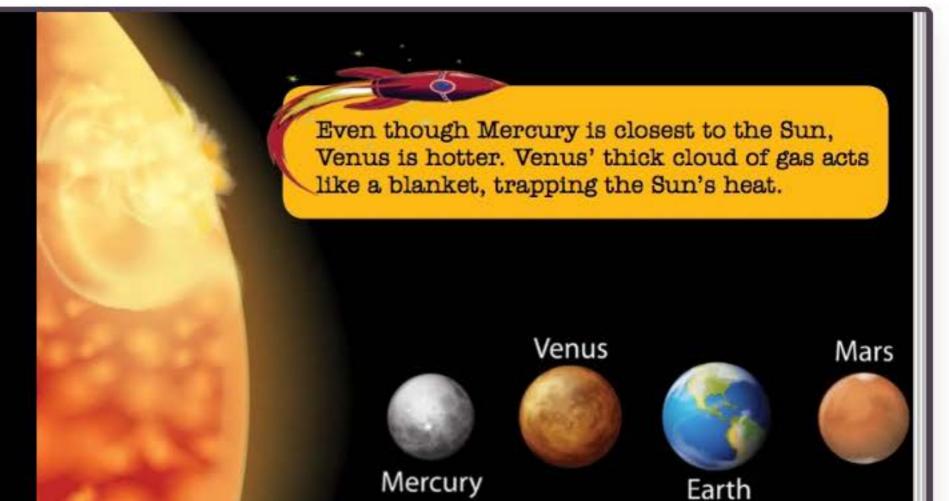
Venus is dry, rocky, and covered with volcanoes. Solid lava covers 85 percent of the planet's surface.



Venus is also the hottest planet, much hotter than your oven at home!



The planet Venus has extremely high temperatures that reach almost 900° Fahrenheit (480° Celsius).



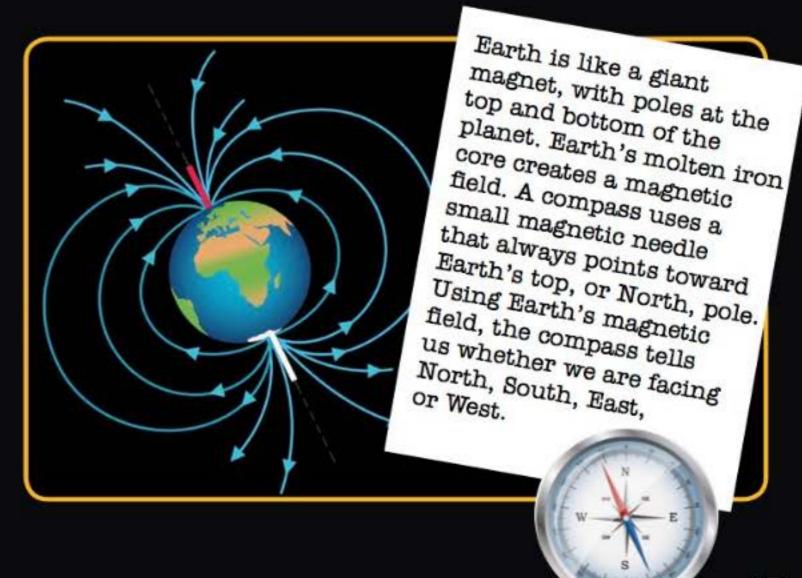
It takes longer for Venus to rotate one time than to orbit the Sun. So one day on Venus is longer than a year!

Home, Sweet Home

Earth's distance from the Sun is just right, not too hot or too cold. Earth is the only planet with the right atmosphere and enough water to support life.



Earth is known as the blue planet because it appears blue from space. This is because 70 percent of the Earth's surface is water!



The Red Planet

While Venus and Mercury are very hot, Mars is extremely cold. It is a freezing desert with wild, whirling dust storms.



Mars is called the red planet because of the rusty red rock and sand covering its surface.



Because the **gravity** on Mars is about one-third of Earth's, you could jump three times higher on Mars!

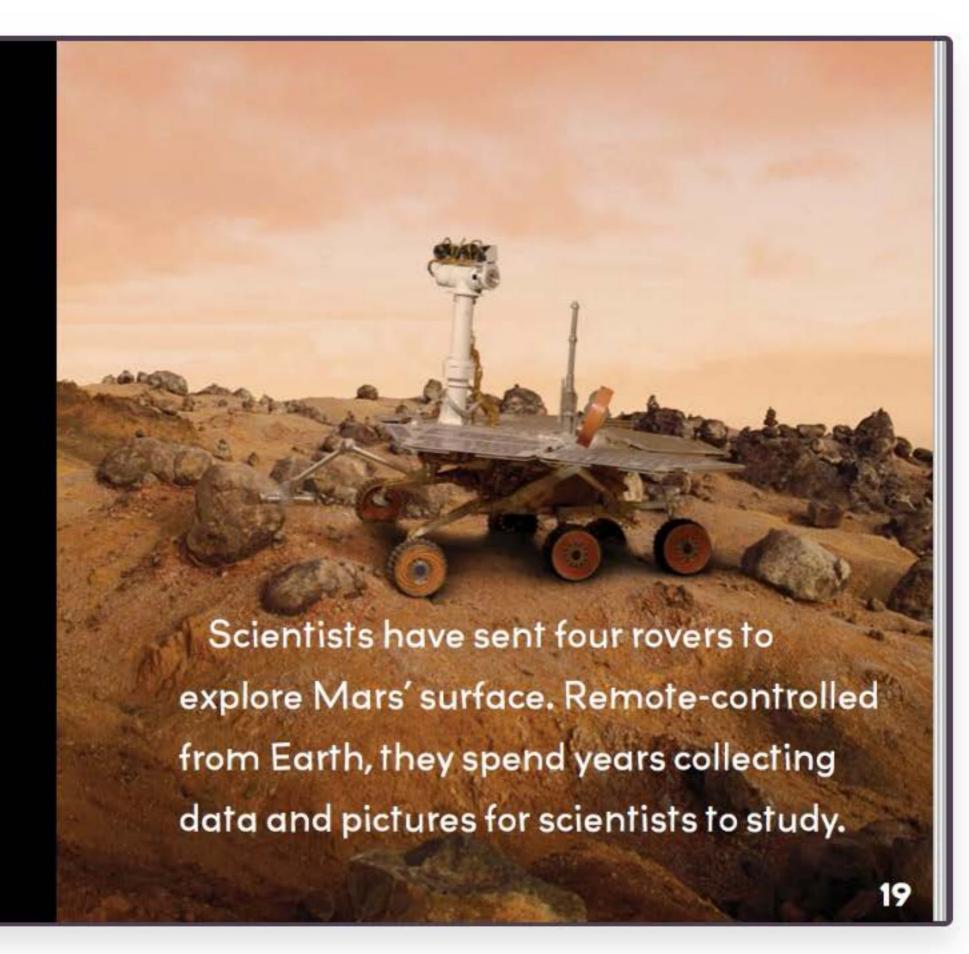


Phobos, the biggest of the Mars' moons



Deimos, the smaller of Mars' moons

Mars has two moons. Earth has one. Mercury and Venus have none.



Neighbors in Space

The more we study the rocky planets, the more we are able to learn about our fascinating neighbors in space.

Mars

Earth

Venus

Mercury

Someday, we may even be able to visit the planets. Which one would you visit?

Backyard Astronomy

With a parent to help you, gather the needed supplies. First, tape the red cellophane over the top of the flashlight. The red light will allow you to see the sky chart and compass without impairing your night vision.

Now you can read the sky chart to identify the planets and stars and direct you where to look in the

sky. Use the compass to help you face the correct direction. Finally, use your binoculars or telescope to see the planets close up!

Equipment Needed:

binoculars or telescope sky chart compass flashlight red cellophane

Photo Clossary



atmosphere (AT-muhs-feer): The air around us.



axis (AK-siss): An imaginary line through the center of a planet.



gravity (GRAV-uh-tee): The force that presses down on objects, keeping them from floating into space.



orbits (OR-bits): The path an object takes to circle the Sun or a planet.



rotates (ROH-tates): Spins around on an axis or center.



solar system (SOH-lur SISS-tuhm): The Sun and all the objects that orbit around it, including Earth.

22

The Red Planet

While Venus and Mercury are very hot, Mars is extremely cold. It is a freezing desert with wild, whirling dust storms.



Before & After Reading Activities

Level: K Word Count: 440

100th word: and page 6

Teaching Focus:

Concepts of Print: Have students find capital letters and punctuation in a sentence. Ask students to explain the purpose for using them in a sentence.

Before Reading:

Building Academic Vocabulary and Background Knowledge

Before reading a book, it is important to set the stage for your child or student by using pre-reading strategies. This will help them develop their vocabulary, increase their reading comprehension, and make connections across the curriculum.

- Read the title and look at the cover. Let's make predictions about what this book will be about.
- Take a picture walk by talking about the pictures/photographs in the book. Implant the vocabulary as you take the picture walk. Be sure to talk about the text features such as headings, Table of Contents, glossary, bolded words, captions, charts/ diagrams, or Index.
- Have students read the first page of text with you then have students read the remaining text.
- Strategy Talk use to assist students while reading.
 - Get your mouth ready
 - Look at the picture
 - Think…does it make sense
 - Think...does it look right
 - Think...does it sound right
 - Chunk it by looking for a part you know
- Read it again.
- 6. After reading the book complete the activities below.

Content Area Vocabulary

Use glossary words in a sentence.

atmosphere axis gravity orbits rotates solar system

After Reading:

Comprehension and Extension Activity

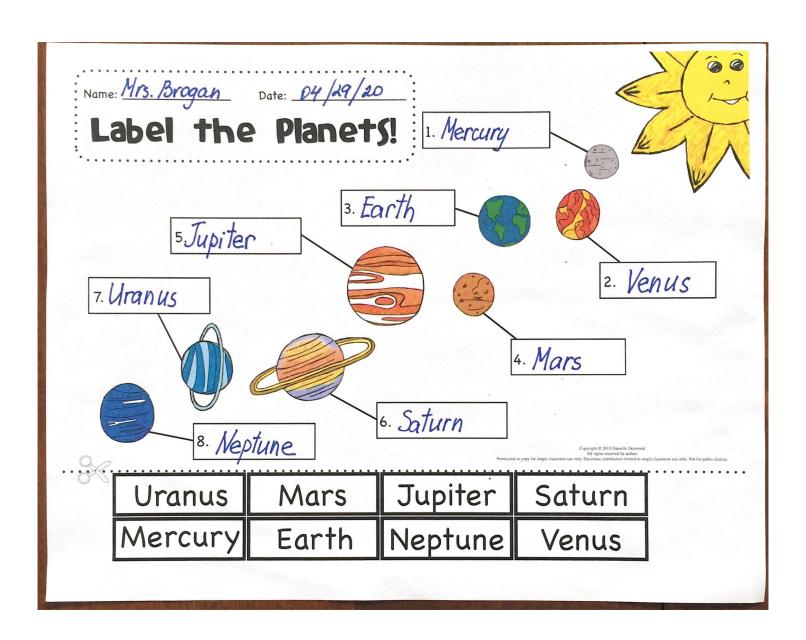
After reading the book, work on the following questions with your child or students in order to check their level of reading comprehension and content mastery.

- 1. How many planets are in our solar system? (Summarize)
- 2. What planet do we live on? (Text to self connection)
- 3. Which planets are the rocky planets? (Summarize)
- 4. Why do scientists send rovers to other planets? (Asking questions)

Extension Activity

Create a poster of the four rocky planets! Draw each planet and provide at least two bullet points that describe each planet.

Don't forget to label each planet and create a title for your poster.



:-	Name:	1
	Compare and Contrast Venn Diagram: am the Minuteman and George the Drummer Boy	<u> </u>
	ections: Use this Venn diagram to think about the differences between Sam the nuteman and George the Drummer Boy.	
	Contrast: How is Sam the Minuteman different?	
	• Colonist	
	Fought for freedom	
	Lived in Lexington	
	Compare: How are Sam the Minuteman and George the	
	Drummer Boy alike? • Afraid	
	Young men	
	Had good friends	
	British Soldier	
	 Forced to fight by the King 	
	Came from England	
	Contrast: How is George the	
••	Drummer Boy different? ©2015 Read, Write, Grow With Mrs. K	

Amazingly Awesome Adjectives 3

Directions: Circle the noun(s) with a RED crayon and highlight the adjective with a YELLOW crayon.

Example: The tree is tall.

- 1. That is a slimy, green frog.
- 2. You are a noisy puppy
- 3. Is that chocolate cake

Optional Additional Practice

- 4. Popcorn is buttery and salty.
- 5. The flower is purple.



Giant Gas Planets

By: Kyla Steinkraus

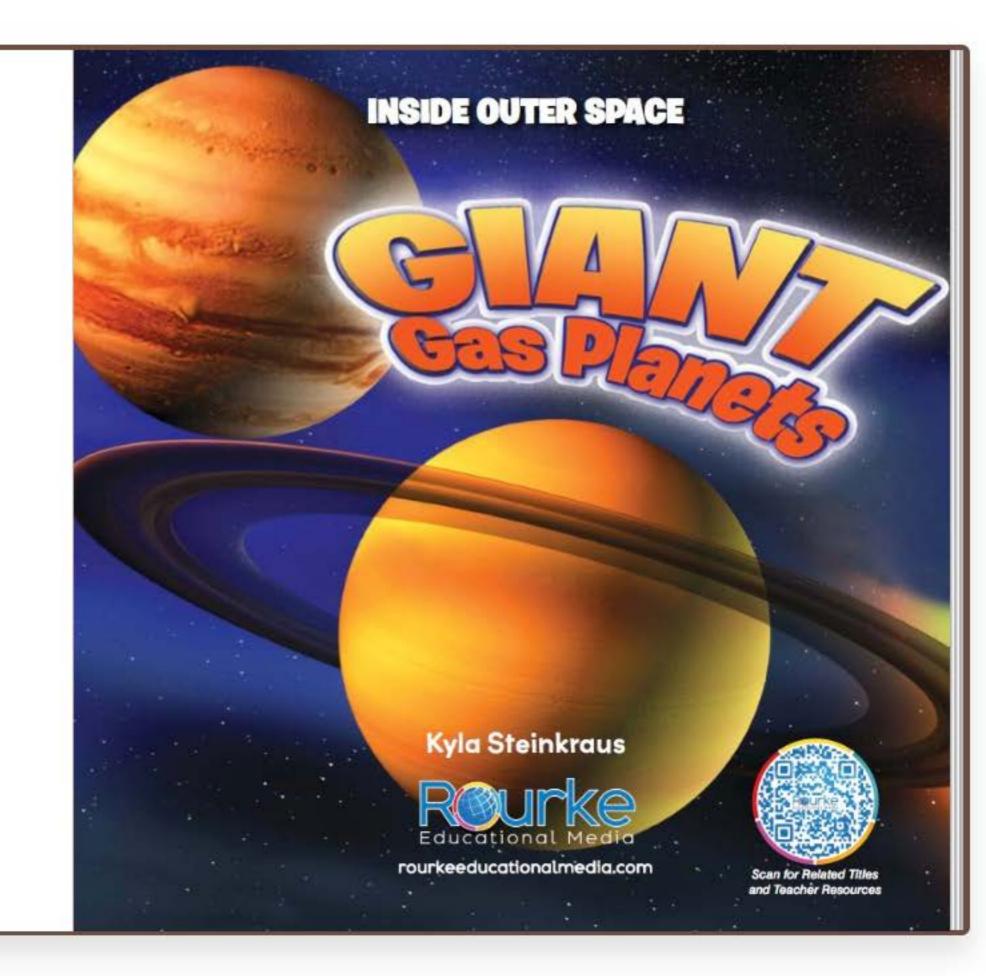
Four planets farthest from the Sun are called gas giants. Learn facts about climate, gases, size, and other things each planet possesses.

5-7 T

Age Range GR Level



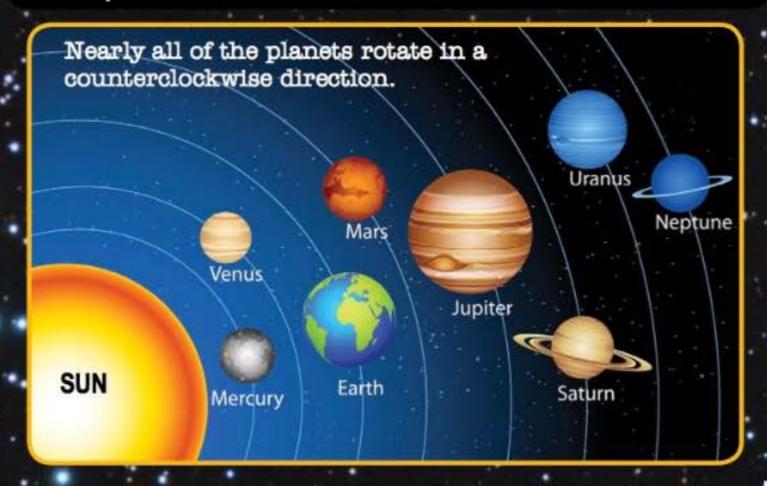




Cas Ciants

What are all those lights twinkling above us at night? Most are stars, but a few of them are planets.

A planet is a round body in space that orbits, or circles, the Sun. A planet also rotates, or spins, on its axis. An axis is an imaginary line through the center of the planet.



There are eight planets in our solar system. The four planets farthest from the Sun are the gas giants. They are Jupiter, Saturn, Uranus, and Neptune.

These planets are not actually solid, but are made up of liquid and clouds of swirling gas. Gravity pulls the gas and liquid into a planet shape.

Saturn

Neptune

Uranus

Jupiter

Sun

Gas planets have many moons as

Saturn, have very noticeable rings.

well as rings that circle around

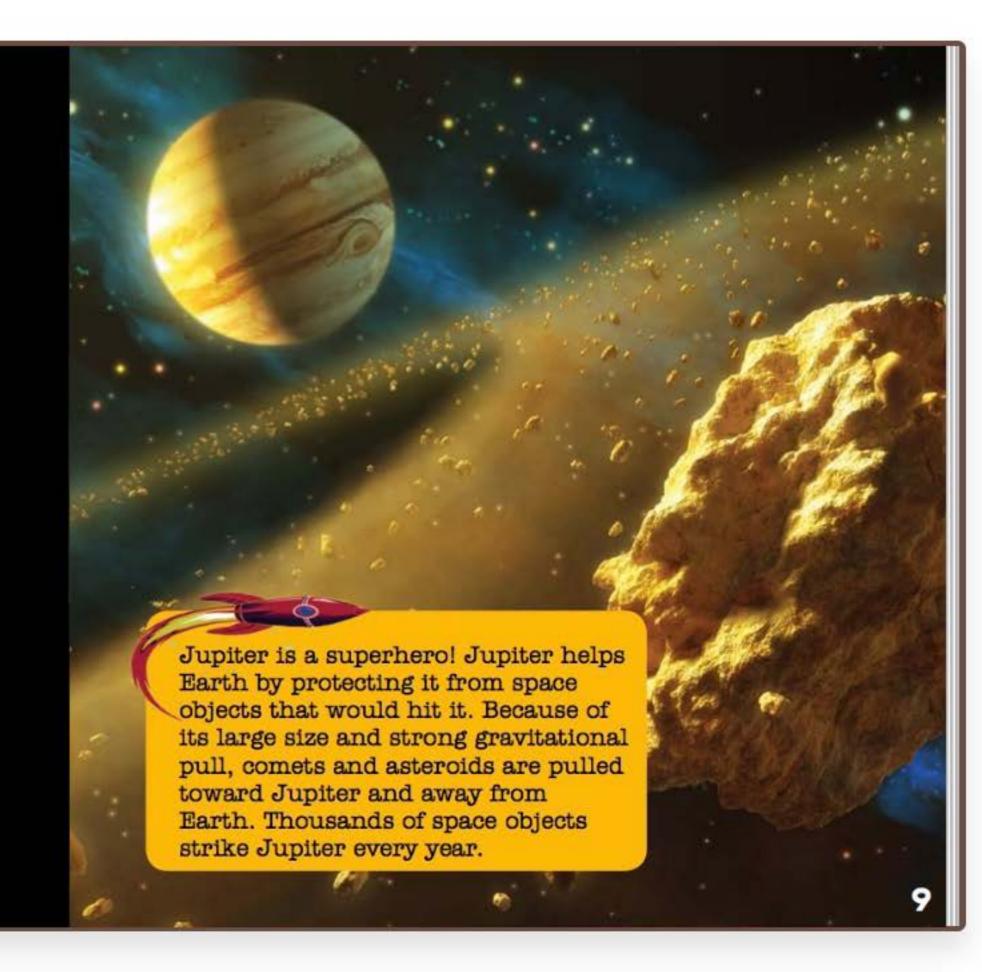
them. Some planets, especially

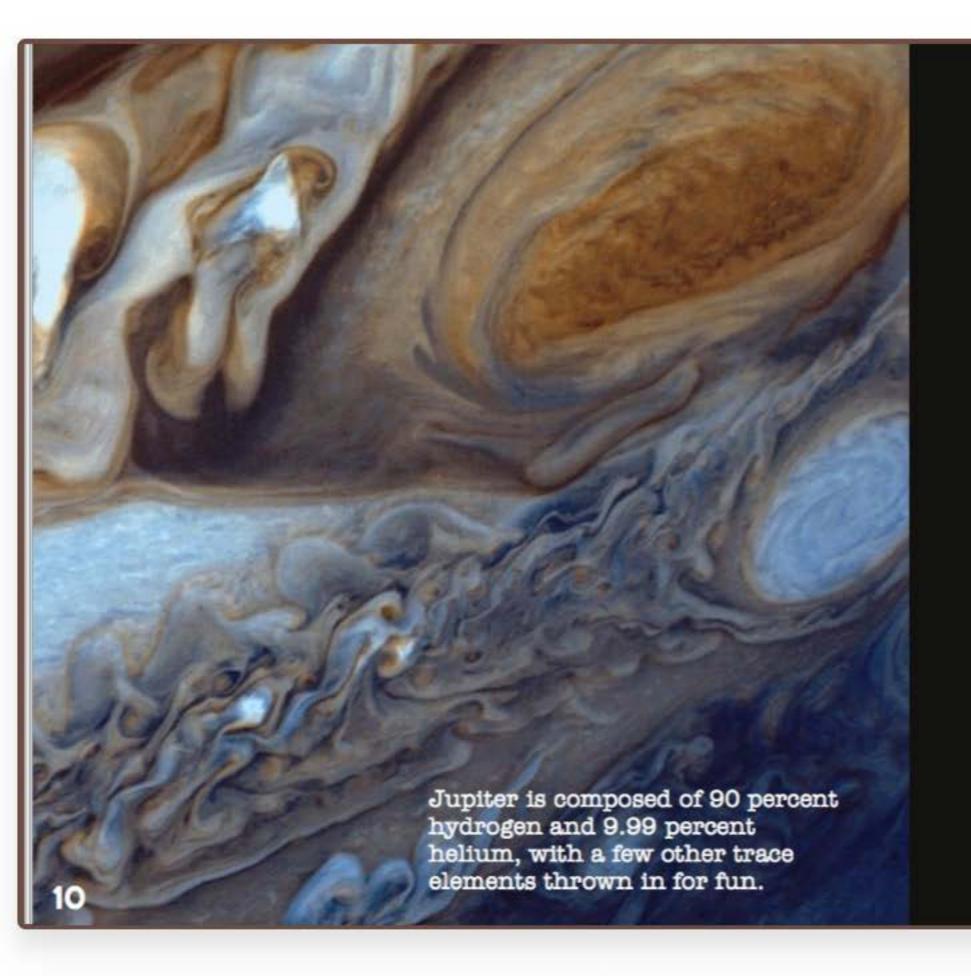
Ciant Jupiter

Jupiter is the biggest planet in our solar system. It is so big that all the other planets could fit inside it.

Jupiter is orbited by at least 67 moons, more than any other planet.







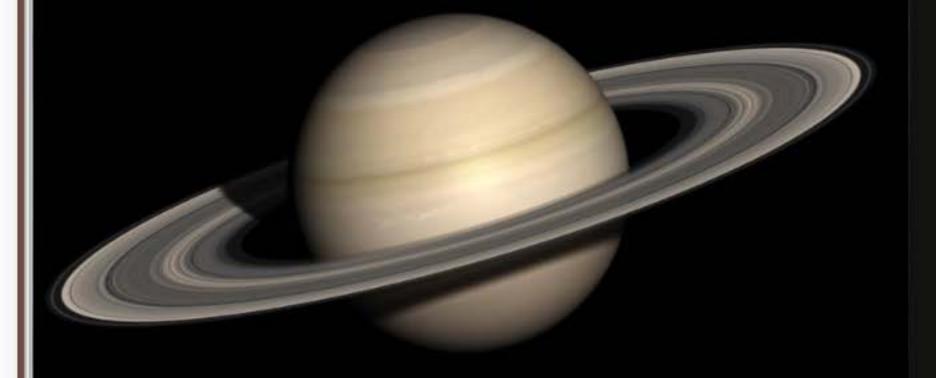
It would be difficult to walk on Jupiter, since it has no solid surface at all! It is mostly made of gusting, swirling gasses that create massive, hurricane-like storms.



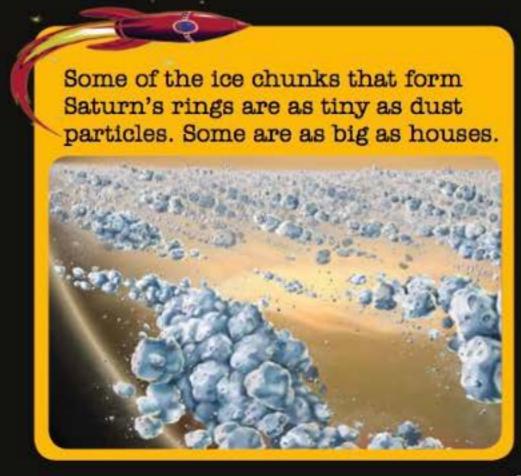
One of Jupiter's storms is so large that it can be seen from Earth. The Great Red Spot is a storm that began more than 300 years ago.

The Ringed Planet

Saturn is made mostly of light hydrogen gas. If you could find a bathtub big enough to hold it, Saturn would float!



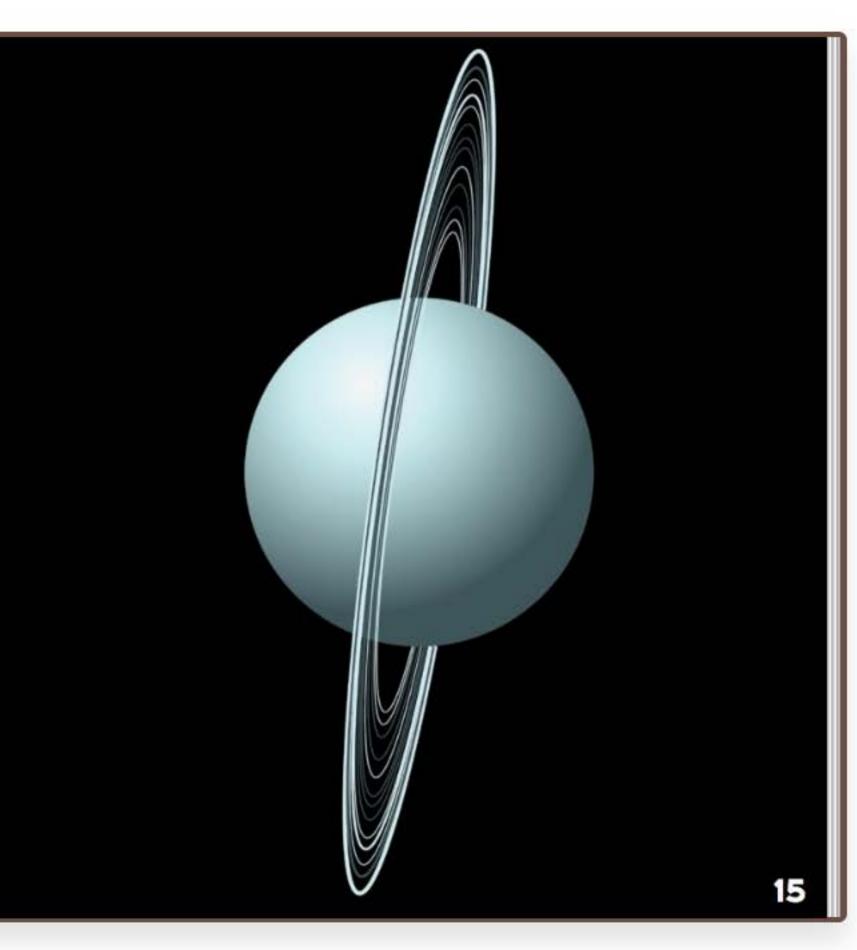
Saturn is surrounded by seven thin rings made of sparkling chunks of dust-covered ice and rock.



Topsy Turvy Uranus

Uranus is tipped on its side. It rotates sideways, like a giant Ferris wheel. Its many rings and moons circle from top to bottom.

Because Uranus moves slowly and has a long way to travel, it takes 84 Earth years for Uranus to travel one time around the Sun.



Uranus is mostly made of a slushy mixture of half-frozen water, ammonia, and methane. The methane gas scatters blue light, making Uranus appear blue.

It may be raining diamonds right now on the gas planets. The carbon soot created in the stormy atmosphere turns to diamonds under the intense pressure of each planet's atmosphere. Uranus and its sister planet, Neptune, are very similar. Neptune also appears very blue because of the methane gas in its atmosphere.

lee Planet

Because Neptune is farthest from the Sun, it is the coldest planet.

Earth's Moon

Mercury

Venus

Earth

Mars

Neptune is so far away, it took the spacecraft *Voyager 2* twelve years to reach the ice planet.

Jupiter

Saturn

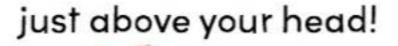
Uranus Neptune

Gusting winds on Neptune are the strongest in our solar system. Its winds are ten times more powerful than our strongest hurricanes on Earth.

Planet Watching

The more we study the gas planets, the more we are able to learn about our fascinating neighbors in space.

There is an amazing universe to discover



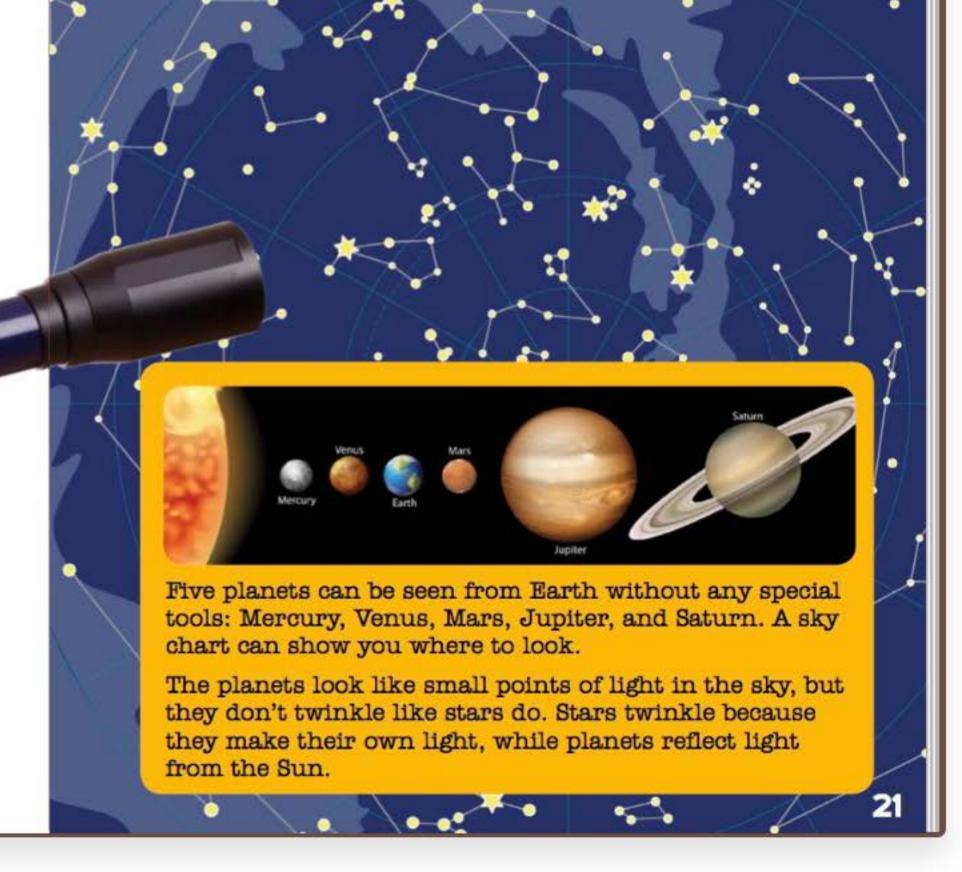


Photo Clossary



atmosphere (AT-muhss-fihr): Mixture of gasses that surround a planet.



gravity (GRAV-uh-tee): The force that presses down on objects, keeping them from floating into space.



orbits (OR-bits): The paths objects follow around a star or planet.



planet (PLAN-it): A round body in space that orbits the Sun.

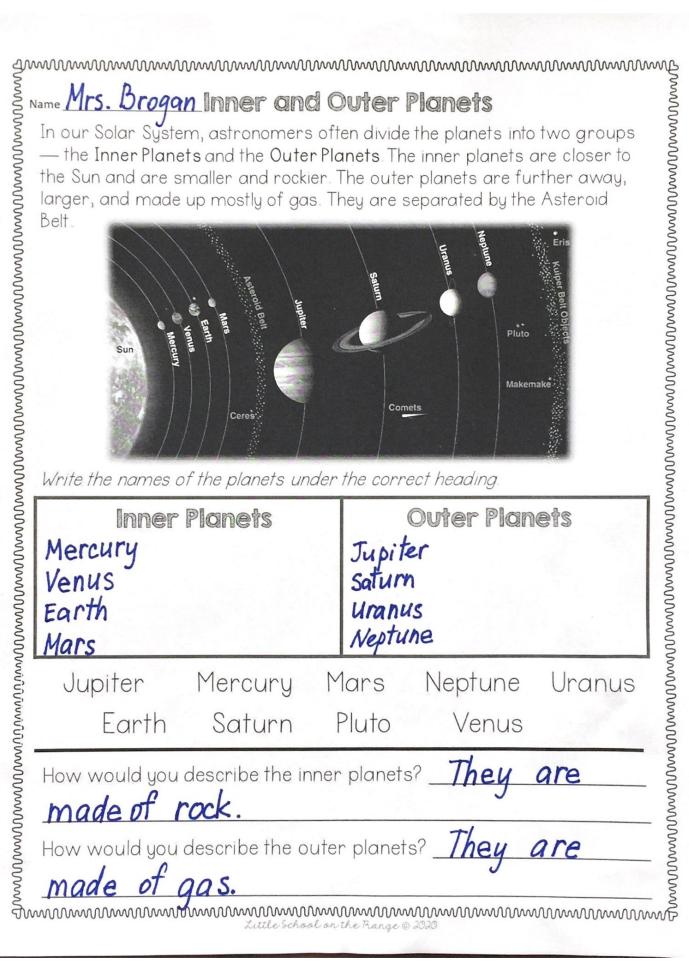


rotates (ROH-tates): To spin around on an axis, or center.



solar system (SOH-lur SISS-tuhm): The Sun and all the objects that orbit around it, including Earth.

22



Inner Planets Mercury Venus Earth	Outer Planets Jupiter Saturn Uranus Neptune
Mars	Neptune