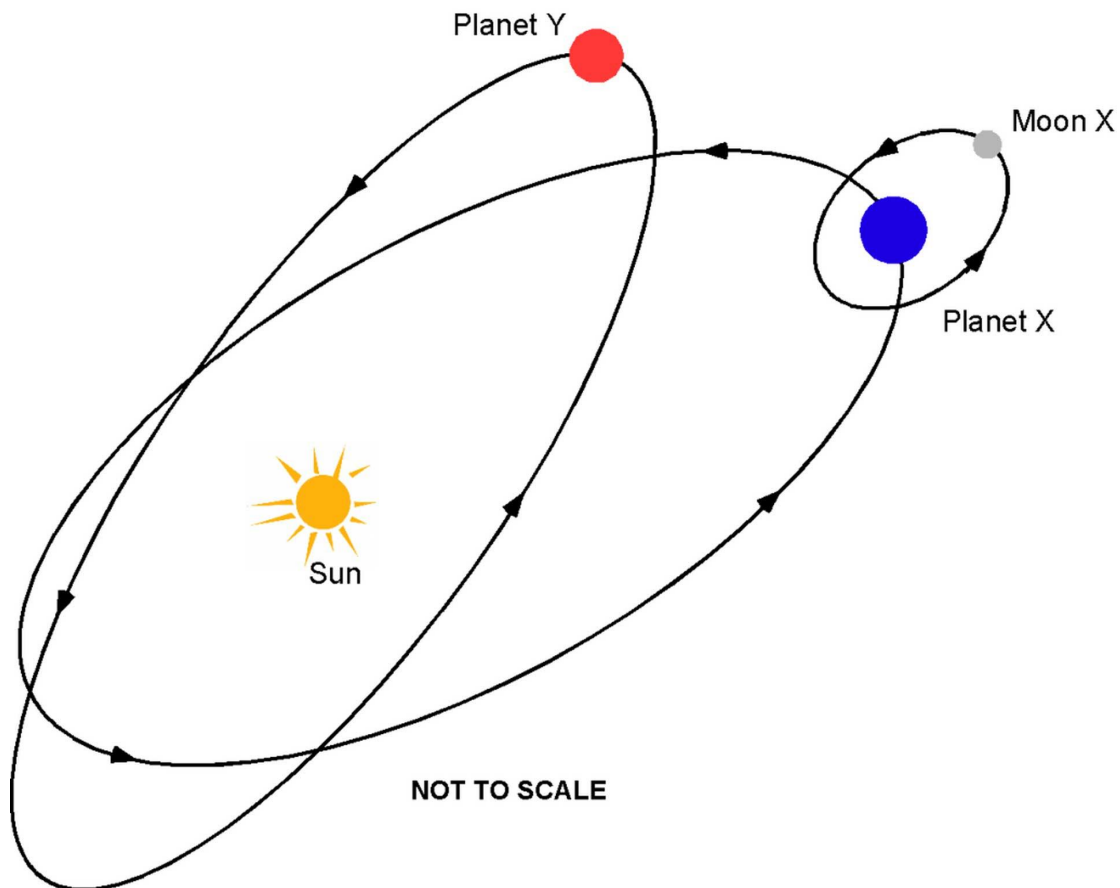


Image Analysis: Notice & Wonder

Directions: Look at the image and write down 3 things you **notice** (key details, main ideas, or themes) and then write down 3 things you **wonder** (questions you have because of the image or things you are curious about when you look at the image).

What
do you
notice?



What
do you
notice?

Read & Take Notes



Directions: Read the passage below. Take notes in the space provided.

Johannes Kepler was a smart man who loved to study the stars. He was born in Germany in 1571. He was a very sick baby, and he had bad eyesight. Kepler liked to look at the stars and planets. He was a very good math student. He was a teacher at a school in Graz, Austria. He also worked with a famous astronomer named Tycho Brahe. Kepler was a very important scientist. He helped to change the way people thought about the universe.

Kepler discovered that planets move in circles around the sun. He also discovered that the planets move faster when they are closer to the sun. Kepler was very interested in how light works. He even invented a new kind of telescope. He was a very smart man who made many important discoveries.

Kepler was a very religious man. He believed that God created the universe. He thought that the planets moved in a way that showed God's plan. He was a very interesting man who was both a scientist and a religious person.

Take Notes Here

Key Vocabulary

Directions: For each term, use the word in a sentence that shows you understand its definition. Then create an image to represent the term. Be ready to explain the image.

Vocabulary Term

astronomer

noun

A scientist who studies the stars and planets.

Use It In A Sentence:

An Image to Represent It:

Vocabulary Term

universe

noun

Everything that exists, including all the stars, planets, and galaxies.

Use It In A Sentence:

An Image to Represent It:

Vocabulary Term

discovered

verb

To find something that was not known before.

Use It In A Sentence:

An Image to Represent It:

Vocabulary Term

telescope

noun

A tool that makes faraway things look closer.

Use It In A Sentence:

An Image to Represent It:

Vocabulary Term

religious

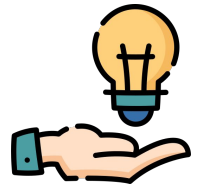
adjective

Having to do with religion or a belief in God.

Use It In A Sentence:

An Image to Represent It:

3-2-1 Learning Reflection



Directions: Fill in the boxes below to reflect on your learning. Write down **three** new things you learned, **two** connections you made to what you already know, and **one** thing you want to learn more about.

3 THINGS I LEARNED

2 CONNECTIONS I MADE

1 THING I WANT TO LEARN MORE ABOUT

Answer and Explain

Directions: For each question, answer the question and then explain why you picked the answer you did using specific evidence from the text.

Question:

1. What did Kepler like to look at?

Pick the Answer

- A) The sun
- B) The stars and planets
- C) The moon
- D) The Earth

Explain: Why did you pick that answer?

Question:

2. Where did Kepler work as a teacher?

Pick the Answer

- A) Germany
- B) Austria
- C) Denmark
- D) Italy

Explain: Why did you pick that answer?

Question:

3. What did Kepler believe about the universe?

Pick the Answer

- A) The universe is made of stars.
- B) The universe is made of planets.
- C) The universe was created by God.
- D) The universe is made of galaxies.

Explain: Why did you pick that answer?

Short Answer Questions

Directions: Answer each question in complete sentences. Use specific evidence from the text in each response.

Question

1. What was Kepler's job before he worked with Tycho Brahe?

Question

2. What did Kepler discover about how planets move around the sun?

Question

3. What did Kepler invent that helped him study the stars?

Reflect and Discuss

Directions: Respond to the following question using the reading and your own knowledge and experiences. Be as thorough as possible.

1. What are some things you like to learn about? How are you like Johannes Kepler?

Write Your Response Here. Be sure to use what you learned in the reading and your own knowledge and experiences to answer the question thoroughly.

Directions: When instructed, you will share your responses with your group. Take notes on their responses in the boxes below. Be sure to write their names at the top of each box.

Student #1: _____

Student #2: _____

Student #3: _____

Student #4: _____

Reflect and Discuss

Directions: Respond to the following question using the reading and your own knowledge and experiences. Be as thorough as possible.

2. What are some things you like to look at in the sky? How are you like Johannes Kepler?

Write Your Response Here. Be sure to use what you learned in the reading and your own knowledge and experiences to answer the question thoroughly.

Directions: When instructed, you will share your responses with your group. Take notes on their responses in the boxes below. Be sure to write their names at the top of each box.

Student #1: _____

Student #2: _____

Student #3: _____

Student #4: _____

Reflect and Discuss

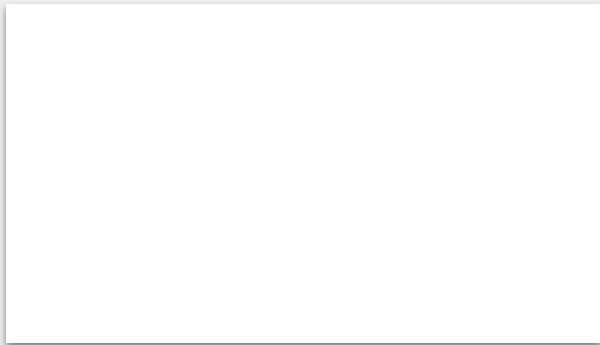
Directions: Respond to the following question using the reading and your own knowledge and experiences. Be as thorough as possible.

3. What are some things you are good at? How are you like Johannes Kepler?

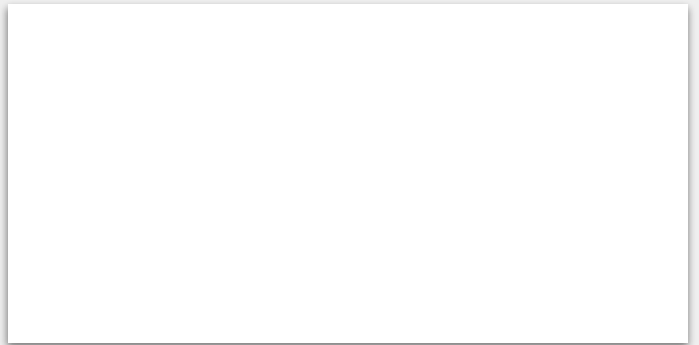
Write Your Response Here. Be sure to use what you learned in the reading and your own knowledge and experiences to answer the question thoroughly.

Directions: When instructed, you will share your responses with your group. Take notes on their responses in the boxes below. Be sure to write their names at the top of each box.

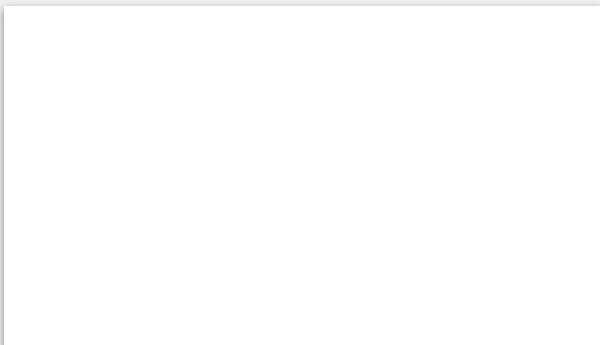
Student #1: _____



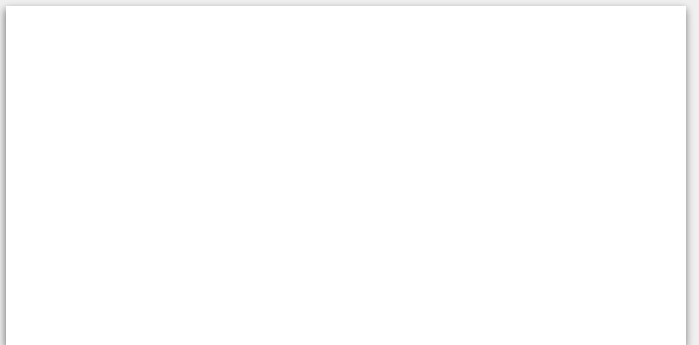
Student #2: _____



Student #3: _____



Student #4: _____



Vocabulary Flashcards

Print, cut, and fold to use as flashcards.

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telescope

A tool that makes faraway things look closer.

religious

Having to do with religion or a belief in God.