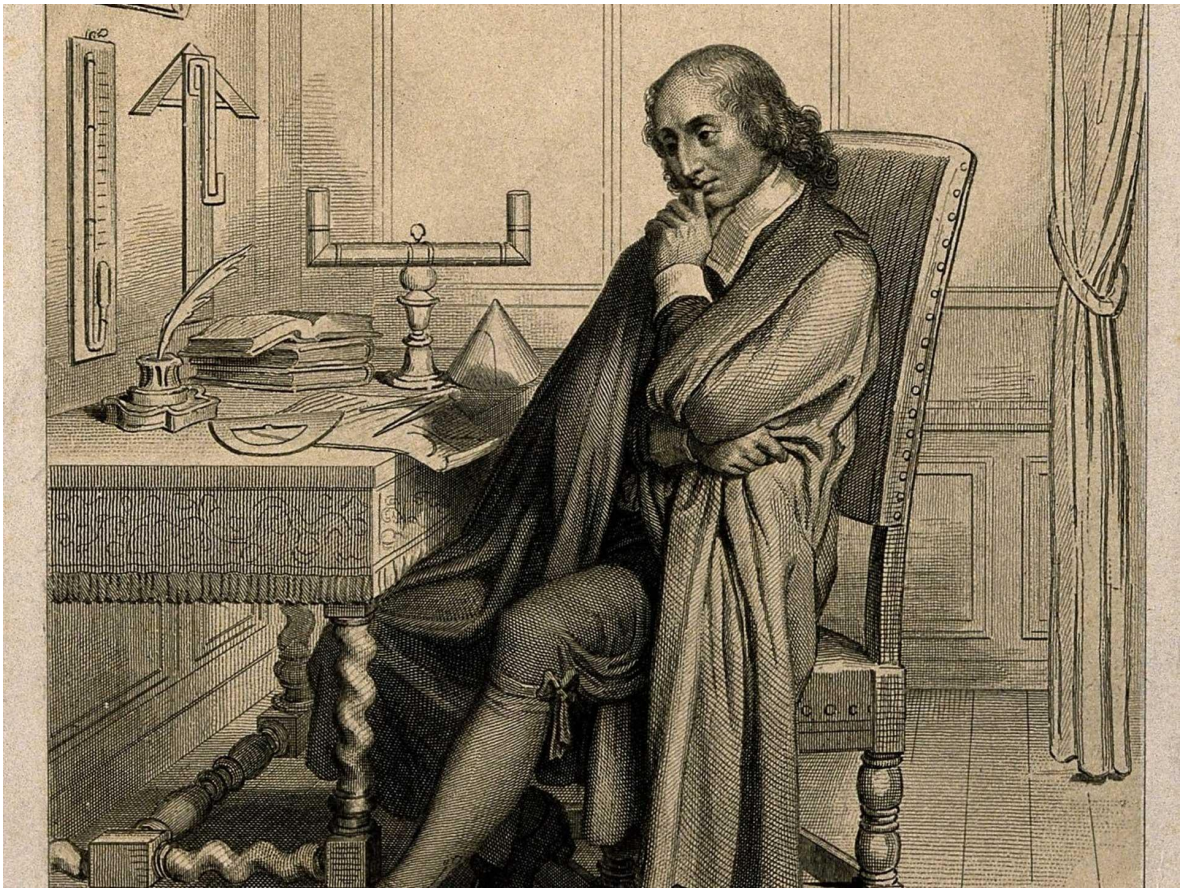
Image Analysis: Notice & Wonder

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.

Blaise Pascal was a very smart man who lived in France a long time ago. He was born in 1623 and died in 1662. Pascal was a child prodigy, meaning he was very smart from a young age. His father, Étienne, taught him at home. Pascal was interested in math from a young age. He even discovered some things about math on his own.

Pascal was a mathematician, physicist, inventor, and philosopher. He was interested in many things. He wrote about geometry and probability. He also invented a machine that could add and subtract numbers. This machine was called Pascal's calculator, or the Pascaline. Pascal's calculator was one of the first mechanical calculators ever made.

Pascal was also interested in science. He studied fluids and how they work. He also studied the concept of vacuum. Pascal was a very smart man who made many important discoveries. He was also a religious man. He wrote about religion and philosophy. He believed that people should believe in God. He wrote about this in his book called Pensées.

Pascal's life was short, but he made a big impact on the world. He was a brilliant mathematician, scientist, and philosopher. He was also a devout Christian. His work continues to be studied and admired today.

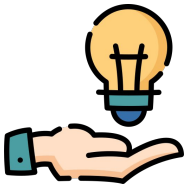
Take Notes Here

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	Use It In A Sentence:	An Image to Represent It:
prodigy *noun* A person, especially a young one, endowed with exceptional talent or ability.		
geometry *noun* The branch of mathematics that deals with the measurement, properties, and relationships of points, lines, angles, surfaces, and solids.		
probability *noun* The likelihood of something happening or being the case.		
vacuum *noun* A space entirely devoid of matter.		
devout *adjective* Having or showing deep religious feeling or commitment.		

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 was the name of the machine that Pascal invented to add and subtract numbers?**

Pick the Answer	Explain: Why did you pick that answer?
A) Pascaline B) Calculator C) Adding Machine D) Subtracting Machine	

Question: **2. What did Pascal write about in his book called Pensées?**

Pick the Answer	Explain: Why did you pick that answer?
A) Geometry B) Probability C) Fluids D) Religion	

Question: **3. What did Pascal study in science?**

Pick the Answer	Explain: Why did you pick that answer?
A) The stars B) The weather C) Fluids and how they work D) The human body	

Short Answer Questions

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

Question	1. What did Pascal's father teach him?

Question	2. What did Pascal discover on his own?

Question	3. What did Pascal believe people should do?

Reflect and Discuss

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

1. Pascal was a child prodigy who was interested in math from a young age. What are you interested in? How do you learn about things that interest you?

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. Pascal was a very smart man who made many important discoveries. What are some things you have learned or discovered on your own? How did you learn them?

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. Pascal's life was short, but he made a big impact on the world. What are some ways that people can make a positive impact on the world? How can you make a difference in your community?

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.

prodigy	*A person, especially a young one, endowed with exceptional talent or ability.*
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vacuum	*A space entirely devoid of matter.*
devout	*Having or showing deep religious feeling or commitment.*