Ocience		Mr. Traeger	
	Period:	Date:	_
er more about the Apollo modure	oon landings and the geology t	nat was investigated during our trips to	the Moon.
		ebsite illiked from the internet investiga	ations page on the
		nole surface of the moon shown as see	n from the Earth?
		reas are called maria and lighter areas	are called
		ere are the lowest areas of elevation? V	Vhere are the
What are rilles? How are t	hey similar to lava tubes forme	d by Hawaiian volcanoes?	
		ere do you see the greatest evidence of	rilles? Are they in
What is basalt? What area	as of the moon do you find basa	ılt at?	
What is anorthosite? What	t areas of the moon do you find	anorthosite at?	
What is breccia? What are	eas of the moon do you find bre	ccia at?	
How does regolith (lunar s	oil) form? Look at a sample of	t under the microscope and describe w	<i>r</i> hat you see.
. How many impact craters	would you estimate cover the s	ide of the moon you are looking at?	
	rpose of this activity is to use a more about the Apollo modure. Sugh the Apollo mission well vebsite and find the answers. Lunar Geology Basics Load Google Moon®. Loo Why are we only seeing of the Google Moon® and highlands. How are these Go to Google Moon® and highest areas of elevation what are rilles? How are the maria or the highlands. What is basalt? What area what is anorthosite? What what is anorthosite? What what is breccia? What are received the maria or the highlands. The whole where the maria or the highlands. What is basalt? What area what is breccia? What area what is breccia? What area who does regolith (lunar see the more apolity).	period:	Period: Date:

11. What are lunar rays and how are they formed?

The Legacy of Apollo: Geology of the Moon

Earth Science Mr. Traeger

Part 2: Apollo Missions and Discoveries

1. What was the initial reason for the Apollo missions going to the moon? What were the motives of the Apollo missions towards the end of the program?

2. Pick at least 3 missions to research. Summarize the following about each mission landing.

Mission	Mission Overview	Landing Site Geology	Surface Operations Conducted	Science Experiments Conducted	Lunar Samples Retrieved
Apollo 11					
Apollo 12					
Αροπο 12					
Apollo 14					
Apollo 15					
Apollo 16					
Apollo 17					

3. Why is Apollo 13 not listed here?

4. If you were to design a mission going back to the moon, what would you choose as your mission objective? Why?