

NAME \_\_\_\_\_

### GALILEO WAS RIGHT!

I love this video! I'll be doing the rock cycle and minerals during my six weeks with you. It is one of my favorite topics. Unfortunately it isn't everyone's first love. It's my job to try and correct that problem! "Galileo was Right" is part of Tom Hanks' HBO series "From the Earth to the Moon." That was one of the best things he has done so far during his career. This particular episode deals with Apollo 15. The emphasis was starting to shift from going from the Earth to the Moon and getting back alive, to doing some serious science. Unfortunately, NASA had never sent scientists to the Moon, only test pilots. As a result, their curiosity and therefore their ability to do serious science on the Moon was limited. That changed dramatically with this mission. Watch and enjoy the transformation of three test pilots into three scientists who could understand the grandeur of what they were about to do.

The scientist Lee Silver talked about the importance of "context" when studying a landscape. What did he mean by that?

Harrison Schmitt was different from all of the other Apollo astronauts. What made him different?

The astronauts on Apollo 15 were looking for a mineral called anorthosite. It was called the "Genesis Stone." Why was this so important to find?

What was Galileo right about?

People have many mistaken ideas about the Moon. Many of those come from the media. "From the Earth to the Moon" corrected many of those misconceptions. As you watch this film list at least five things that you now know about the Moon that you didn't know before, or misconceptions that you had, that are now corrected. A neat way to do this would be to say something like . . . "I always thought that the Moon \_\_\_\_\_, now I know that \_\_\_\_\_."