**Transit Moon**

Today in Science class, Mr. Smith taught us about transit moons.

Things I learned:

* There used to be a band called the Marcels.
* There also used to be a band called Sha—Na—Na.
* The moon appears to be tilting as it crosses the sky.
* The moon is not actually turning but it is following a curved pattern across the sky.
* The five stages of the moon “turning” are called Rise, Morning, Transit, Afternoon, and Set.
* There is a sea on the moon called the Sea of Crises.
* The earth is several times bigger than the moon.
* The diameter of the moon is about one quarter the diameter of the earth.
* The diameter of the earth is about four times less than the diameter of the sun.
* The moon would fit into the sun about 1,000,000 times.
* The moon would fit into the earth about 20 times.
* If the moon hit the earth it would turn into a ton of lava.
* The diameter of the moon is less than the width of the United States (2160 miles).
* The moon is about 250,000 miles away.
* It is between 28 and 32 earth diameters away.
* When the moon is as far away from the earth on its orbit as possible is called apogee.
* When the moon is as close to the earth on its orbit as possible is called perigee.
* When the moon is at perigee it looks 14% bigger.
* When the earth is as close as possible to the sun, it is called aphelion (which is in July).
* When the earth is as close as possible to the sun, it is called perihelion (which is in January).

