**Names:\_\_\_\_\_\_\_\_\_\_\_\_\_\_ ORBIT web-quest**

1. Visit this page and read the definition of ORBIT; <http://dictionary.reference.com/browse/orbit> Choose the description that best matches our lesson today and write it in your own words below.
2. Now visit this site: <http://www.classzone.com/books/earth_science/terc/content/visualizations/es0408/es0408page01.cfm?chapter_no=04> and watch the video that shows the earth moving around the sun. How long does this take?
3. Now got to this site: <http://sse.jpl.nasa.gov/planets/profile.cfm?Object=SolarSys> read about the solar system and then use the links on the left to visit each of the following planets. Using the tabs at the top of each planet article, research to find a piece of information about each planet’s orbit, write one detail about the orbit and one other fact that you find interesting about the planet in the spaces below.

|  |  |  |
| --- | --- | --- |
| Planet Name | Orbit-Related Fact | Another Interesting Fact |
| Mercury |  |  |
| Venus |  |  |
| Mars |  |  |
| Jupiter |  |  |
| Saturn |  |  |
| Uranus |  |  |
| Neptune |  |  |

1. Finally visit this site; <http://galileoandeinstein.physics.virginia.edu/more_stuff/flashlets/kepler6.htm> and see if you can create Earth’s orbit. Raise your hand when you are finished.