Name: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Date: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_Pd.\_\_\_\_\_\_\_\_\_

Webquest: Rotation & Revolution

<http://www.exploratorium.edu/ronh/age/>

Fill out the table below.

|  |  |  |  |
| --- | --- | --- | --- |
| **Planet** | **Age in Days** | **Age in Years** | **Next Birthday** |
| **Mercury** |  |  |  |
| **Venus** |  |  |  |
| **Earth** |  |  |  |
| **Mars** |  |  |  |
| **Jupiter** |  |  |  |
| **Saturn** |  |  |  |
| **Uranus** |  |  |  |
| **Neptune** |  |  |  |
| **Pluto** |  |  |  |

What is the difference between a rotation and a revolution?

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| --- | --- | --- |
| **Planet** | **Rotation Period** | **Revolution Period** |
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What was Johannes Kepler’s contribution to astronomy?

Who was Tycho Brahe?

What did Sir Isaac Newton contribute to astronomy?

<http://www.exploratorium.edu/ronh/weight/>

|  |  |
| --- | --- |
| **Planet/Moon/Star Name** | **Weight** |
| **Mercury** |  |
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| **Io** |  |
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|  |  |
|  |  |
| **Sun** |  |
|  |  |
|  |  |

What is the difference between weight and mass?

Go to my Blackboard site. Click the “6th Grade” Tab. Under today’s homework assignment click the powerpoint on Rotation and Revolution and answer the following questions:

1. What 2 things cause the seasons?
2. How do we know that Earth rotates?
3. Name some other things or objects that rotate.
4. What causes day and night?

Test your space knowledge with these fun games!

Space Walk: <http://funschool.kaboose.com/globe-rider/space/games/game_space_walk.html>

Planet Pursuit: <http://funschool.kaboose.com/globe-rider/space/games/game_planet_pursuit.html>

Space Defenders: <http://funschool.kaboose.com/globe-rider/space/games/game_space_defenders.html>

Space Patrol: <http://funschool.kaboose.com/globe-rider/space/games/game_space_patrol.html>