Unit 1 Notebook:Sky Science

 Activity 11: The Planets in the Solar System

Question: What are the characteristics and surface conditions of the planets that revolve around the Sun?

Resources

Access the BrainPop videos using username: 0099 password: students

• *Mercury* [https://www.brainpop.com/science/space/mercury/](http://www.brainpop.com/science/space/mercury/)

• *Venus* [https://www.brainpop.com/science/space/venus/](http://www.brainpop.com/science/space/venus/)

• *Mars* [https://www.brainpop.com/science/space/mars/](http://www.brainpop.com/science/space/mars/)

• *Jupiter* [https://www.brainpop.com/science/space/jupiter/](http://www.brainpop.com/science/space/jupiter/)

• *Saturn* [https://www.brainpop.com/science/space/saturn/](http://www.brainpop.com/science/space/saturn/)

• *Uranus* [https://www.brainpop.com/science/space/uranus/](http://www.brainpop.com/science/space/uranus/)

• *Neptune* [https://www.brainpop.com/science/space/neptune/](http://www.brainpop.com/science/space/neptune/)

• *Solar System Gizmo*

[https://www.explorelearning.com/index.cfm?method=cResource.dspDetaii&ResourceiD=6](http://www.explorelearning.com/index.cfm?method=cResource.dspDetaii&amp;ResourceiD=6)36

Instructions

1. Learning about each of the planets in the solar system is important. They are different from each other in so many ways, but they are similar in some ways, too.

2. You will work through some websites where you will research each planet and complete the *Planet Observation Chart.*

3. If you need additional information, you can search for the information by conducting an

Internet search.

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Planet Observation Chart

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| Planet | Average Temperature (°C) | Equator  (in km) | Number of  Moons | Topography  (Surface) | Temperature and Climate | Atmosphere | Two Interesting Facts |
| Inner Planets | | | | | | | |
| Mercury |  |  |  |  |  |  |  |
| Venus |  |  |  |  |  |  |  |
| Earth |  |  |  |  |  |  |  |
| Mars |  |  |  |  |  |  |  |

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|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| Planet | Average Temperature (°C) | Equator  (in km) | Number of  Moons | Topography  (Surface) | Temperature and Climate | Atmosphere | Two Interesting Facts |
| Outer Planets | | | | | | | |
| Jupiter |  |  |  |  |  |  |  |
| Saturn |  |  |  |  |  |  |  |
| Uranus |  |  |  |  |  |  |  |
| Neptune |  |  |  |  |  |  |  |

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