Astronomy- Unit 1 – PLANETS CHART

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| **Name of Planet** | Discovery Date | Size compared to Earth (Diameter) | Distance from Sun (MILES) | Ability to support life | Atmosphere features | Surface Features (Rocky or Gas) | Number of Moons | Your Weight on this planet | Length of day | Length of Year | Other Special Features (nicknames) |
| **Mercury** | 265 BC | 1/3 of Earth | 35.98 million miles | Nope | Hydrogen, oxygen | Rocky | 0 | 38 pounds | 58 Earth Days | 88 earth days | Swift Planet |
| **Venus** | 1610 | About the same as Earth | 67.24 million miles | Not anymore | Carbon dioxide, nitrogen, sulfuric acid | Rocky | 0 | 91 pounds | 116 Earth Days | 225 Earth Days | Hottest planet, Earth’s Sister |
| **Earth** |  | It is Earth12,756 km | 93,000,000 miles | Yes, we’re here! | 78% Nitrogen21% Oxygen | ROCKY (Water, mtns,, oceans, forests) | 1 | 100 pounds | 24 hours | 365.25 days | Weather, atmosphere |
| **Mars** | 1576 | A little over half | 141.6 million miles | Possible | Carbon dioxide, nitrogen | Rocky, glaciers, craters, storms | 2 | 38 pounds | 24.5 hours | 687 earth days | IRON (why it’s red) Tallest volcano |
| **Jupiter** | 1610 | 11 times bigger than Earth | 483 million miles | Nope | Hydrogen, helium | Gassy | 67 | 236 pounds | 10 hours | 12 earth years | Red Spot (storm) |
| **Saturn** | 1610 | 9.5 times bigger than Earth | 888 million miles | Nope | Hydrogen, helium | Very gassy | 53 | 106 pounds | 10.5 hours | 29 Earth years | Roman God Saturn, RINGED PLANET, least dense planet |
| **Uranus** | 1781 | 4 times bigger | 1.78 billion miles | Nope | Hydrogen, helium | Gassy | 27 | 88 pounds | 17 hours | 84 Earth years | Has rings, tilted on it’s side, Ice planet |
| **Neptune** | 1846 | 3.9 times bigger | 2.79 billion miles | Nope | Hydrogen, helium, methane | Gassy | 14 | 110 pounds | 16 hours | 165 Earth years | Blue planet, God of Neptune, solid core |

Planet WebQuest

You and your group will need to investigate your Planet to find the information to put in your chart! You will also need to complete a double bubble comparing your planet to Earth. You group will also be in charge of presenting your planet to the class at the end of the period! You can look on Ms. Dudek’s website for helpful websites to help you along!

