Astronomy- Unit 8 – 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** | 1639 | 1/3 | 35.98 million miles | Very little | Helium, hydrogen | Rocky | 0 | 38 pounds | 58 earth days | 88 days | Messenger God |
| **Venus** | 1761 | 7520.8 miles (About the same as Earth) | 67.24 million miles | Poor | Carbon dioxide, sulfuric acid | Rocky surface | 0 | 91 pounds | 116 days | 225 days | Earth’s Sister |
| **Earth** |  | It is Earth  12,756 km | 93,000,000 miles | Yes, we’re here! | 78% Nitrogen  21% Oxygen | ROCKY (Water, mtns,, oceans, forests) | 1 | 100 pounds | 24 hours | 365.25 days | Weather, atmosphere |
| **Mars** | 1659 | 4220 km(a little over half) | 141.6 million miles | Possible! | 95% carbon dioxide, nitrogen | Rocky, Glaciers, storms | 2 | 38 pounds | 24.5 hours | 687 earth days | God of War, lots of IRON (why it’s red) |
| **Jupiter** | 1610 | 11 times bigger than Earth | 483 million miles | Nope | Hydrogen, helium | Gas, RED STORM | 69 | 236 pounds | 10 hours | 12 earth years | Gas Giant, RED SPOT |
| **Saturn** | 1610 | 9.5 times bigger than Earth | 890 million miles | Nope | Hydrogen, helium | Very gassy | 62 | 91 pounds | 10.5 hours | 29 earth years | RINGS are not solid |
| **Uranus** | 1781 | 4 times bigger | 1.78 billion miles | Nope | Hydrogen, helium, and methane | No solid surface, gas giant | 27 | 89 pounds | 17 hours | 84 earth years | Ice planet, has rings, tilted on it’s side, rocky core |
| **Neptune** | 1846 | 3.9 times bigger | 2.79 billion miles | Nope | Hydrogen and helium, methane | Gas giant, not solid, WINDS ARE CRAZY | 13 | 112 pounds | 16 hours | 165 earth years | Blue, 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!

