Big History Webquest

Go to the following web address: <https://www.bighistoryproject.com/chapters/2#intro>

Chapter 2: Our Solar System and Earth

1. 98% of the atomic matter in the Universe consists of which elements?
2. What are the necessary ingredients for planet formation?
3. What are the “Goldilocks Conditions” for planet formation?
4. Draw the timeline for the lifecycle of our sun, and summarize important information.

1. Describe how the gas giant planets formed.
2. Describe the following individual’s contributions to astronomy.

Ptolemy:

Copernicus:

Galileo:

Sir Isaac Newton:

Henrietta Leavitt:

Edwin Hubble:

1. How long does it take light to reach Pluto?
2. Describe why the conditions are or are not conducive to life on the following locations:

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Sun: | Mercury: | Venus: | Earth: | Mars: |
| Jupiter: | Saturn: | Uranus: | Neptune: | Pluto: |

1. What did Alfred Wegener provide evidence for?