Space Unit: Day 1 Name: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Core: \_\_\_\_\_ Date: \_Thursday, May 4th\_\_

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| 1. What is the main purpose of the middle ear?A) Collect sound wavesB) Amplify Sound WavesC) Send electrical signals to the brainD) Interpret the sound | 2. Sound waves travel fastest in:A) Air (Gas)B) Iron (Solid)C) Water (Liquid)D) A vacuum (Absence of matter) | 3. Which has the greatest effect on the speed of sound?A) Ability of electrons to travel through a mediumB) The frequency of the waveC) The amplitude of the waveD) How close the atoms are in the medium |



**Draw It!**

Tilt:

Axis:

Rotation:

|  |  |
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| **Day & Night** * Is the \_\_\_\_\_\_\_\_\_\_\_\_\_ straight up & down? \_\_\_\_\_\_\_\_\_!
* The Earth is tilted on its \_\_\_\_\_\_\_\_\_\_\_\_\_ \_\_\_\_\_\_\_\_\_ degrees.
* How does the Earth move?
* \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_: one complete turn on Earth’s axis.
* As Earth turns, so do \_\_\_\_\_\_\_\_\_. You keep the same position with respect to what is \_\_\_\_\_\_\_\_\_\_\_\_\_ you, but the view above your head changes.
* Earth rotates around an imaginary \_\_\_\_\_\_\_\_\_\_ running through its center called the \_\_\_\_\_\_\_\_\_\_\_\_\_ \_\_\_\_\_\_ \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_.
 | * The ends of this \_\_\_\_\_\_\_\_\_\_ are the \_\_\_\_\_\_\_\_\_\_\_\_ and \_\_\_\_\_\_\_\_\_\_\_\_\_\_ poles.
* What causes day & night?
* As earth rotates on its \_\_\_\_\_\_\_\_\_\_, it turns toward and away from the \_\_\_\_\_\_\_\_\_\_\_.
* \_\_\_\_\_\_\_ \_\_\_\_\_\_\_ = your half of the Earth is facing the sun.
* \_\_\_\_\_\_ \_\_\_\_\_\_\_\_= your half of the Earth is turned away from the sun.
* Earth completes one full \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ every 24 hours!

**Time Zones*** As Earth moves, different parts of the Earth receives \_\_\_\_\_\_\_\_\_\_\_\_\_\_ at different \_\_\_\_\_\_\_\_\_.
* This is why there are different \_\_\_\_\_\_\_\_\_ \_\_\_\_\_\_\_\_\_\_ around the world.
* In the US, the \_\_\_\_\_\_\_\_ \_\_\_\_\_\_\_\_\_\_\_ turns toward the sun first.
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