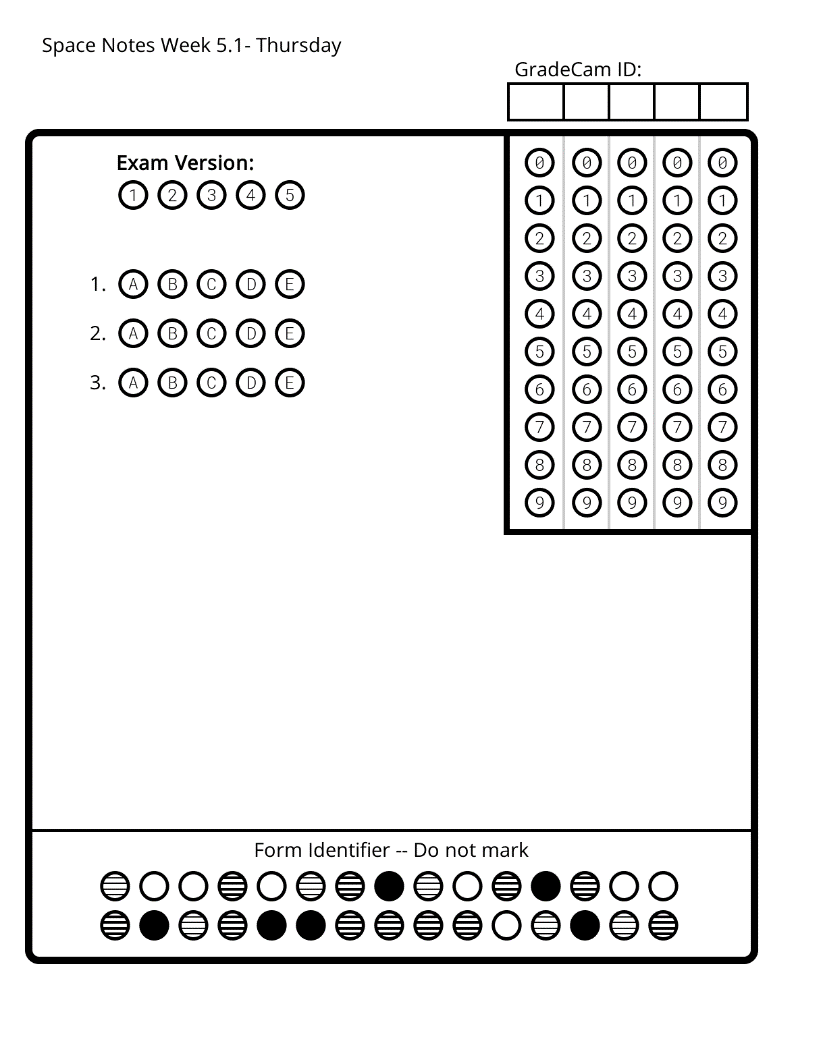
Space Unit: Day 1 Name: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Core: \_\_\_\_\_ Date: \_Thursday, May 4th\_\_

|  |  |  |
| --- | --- | --- |
| 1. What is the main purpose of the middle ear?  A) Collect sound waves  B) Amplify Sound Waves  C) Send electrical signals to the brain  D) 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 medium  B) The frequency of the wave  C) The amplitude of the wave  D) How close the atoms are in the medium |



**Draw It!**

Tilt:

Axis:

Rotation:

|  |  |
| --- | --- |
| **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. |