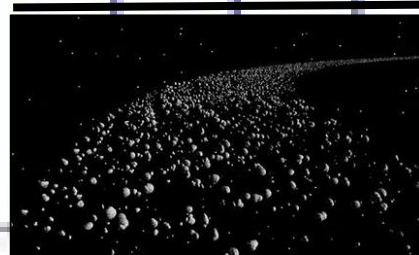
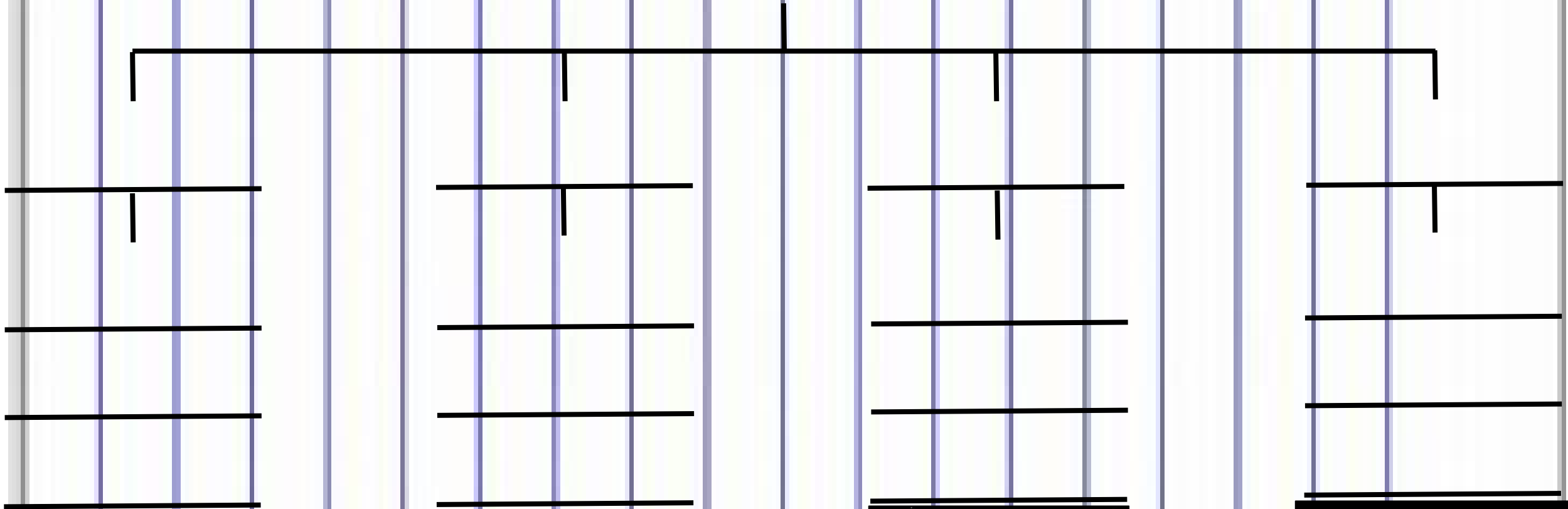


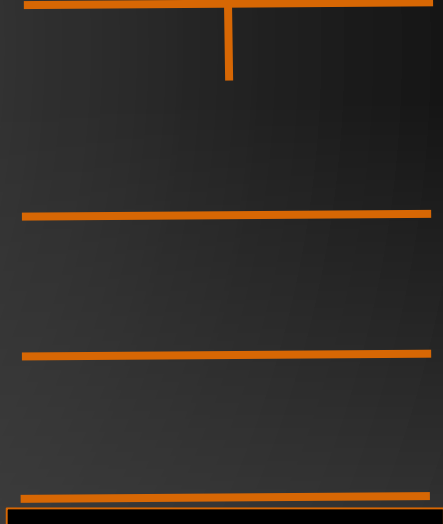
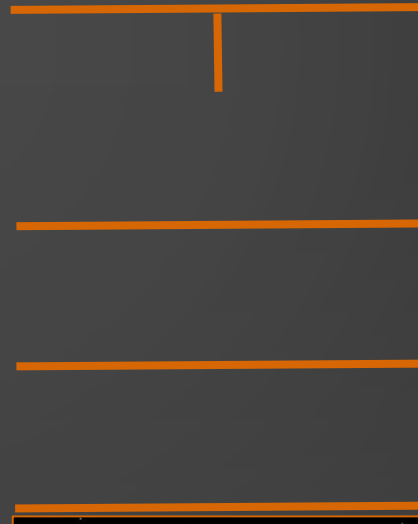
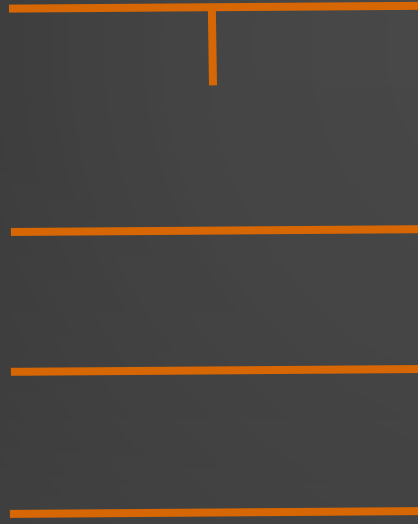
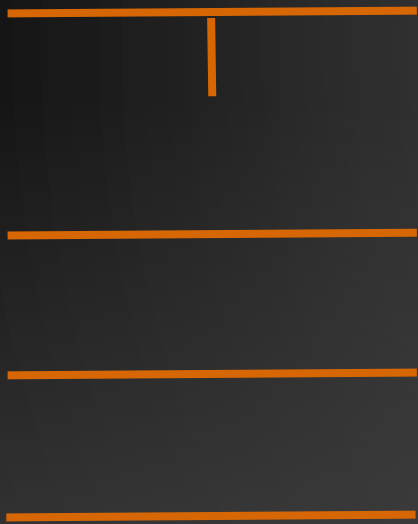
WARM UP: 8/27

1. The _____ are the dense planets near the sun.
2. An _____ is equal to the distance between the sun and Earth.
3. Which planet has the highest surface temperature in the solar system?
4. A _____ is a disk of matter that circles a planet and consists of numerous particles in orbit that range in size from a few millimeters to several hundred meters.
5. Which planet has the strongest winds in the solar system?

TREE MAP: SMALL BODIES IN THE SOLAR SYSTEM

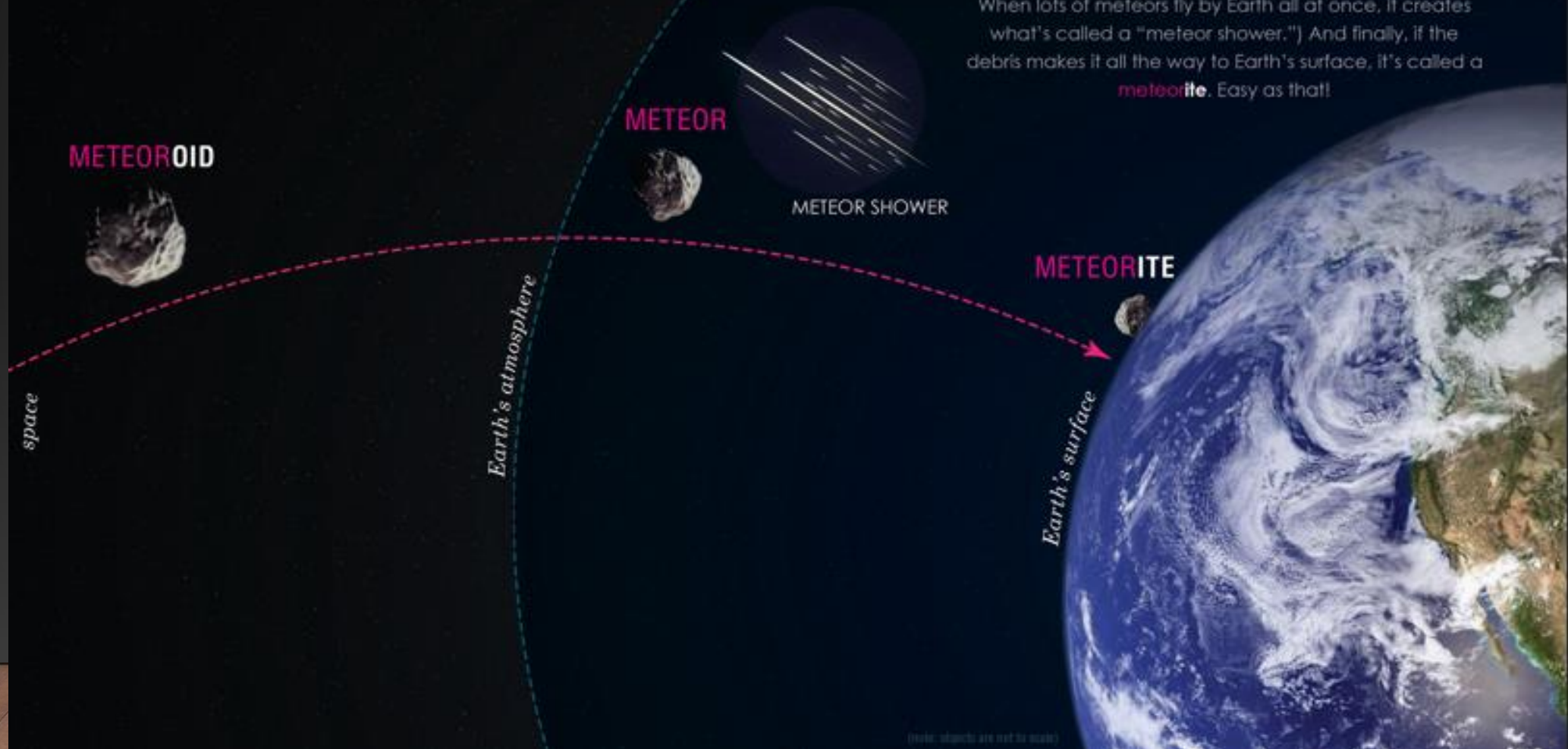


TREE MAP: SMALL BODIES IN THE SOLAR SYSTEM



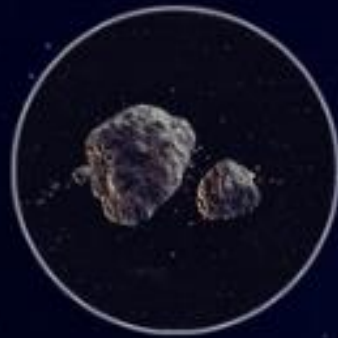
WHAT'S THE **DIFFERENCE?**

METEORIDS, METEORS AND METEORITES, OH MY!



It's no coincidence that meteoroids, meteors and meteorites all sound like the same thing; They practically are. In fact, the only real difference among them is their location. **Meteoroids** -- which are debris from asteroids and comets -- live in the space outside Earth's atmosphere. As soon as a meteoroid enters into Earth's atmosphere, it becomes a **meteor**. (Meteor is also just a fancy name for what you might call a "shooting star." When lots of meteors fly by Earth all at once, it creates what's called a "meteor shower.") And finally, if the debris makes it all the way to Earth's surface, it's called a **meteorite**. Easy as that!

Found throughout space



Average ones are the size of a pebble

Typically vaporize in the atmosphere



Meteoroids VS. Asteroids



Mostly found in the asteroid belt

Can be hundreds of kilometers across



Capable of causing large impacts

