

Earth Science is... the name for _____
and its neighbors in _____.

Astronomy – Study of _____.

Geology – Study of _____.

Meteorology – Study of the _____.

Oceanography – Study of the _____.

Nebular Hypothesis – How the _____ formed...

A large cloud of _____ and _____ gases began to rotate
(_____). Everything began to collapse inward generating heat. The
_____ formed in the center. Pieces of metals and dust clumped together to form
_____. Lighter _____ planets formed towards the
_____.

Big Bang Theory – How the _____ formed – One large mass that
_____ and flew _____.

Earth layers – the denser elements of _____ and _____ sank to the
center forming the _____. The lighter, _____ materials floated
outwards to make the _____.

*See separate handout for diagram.

Earth's Major Spheres:

- 1) **Biosphere** – made up of _____ on Earth.
- 2) **Atmosphere** – _____ that surrounds Earth. The _____ we
breathe, protects us from the sun's _____, helps produce
_____.
- 3) **Hydrosphere** – all of _____ on Earth.
-Oceans make up ~ _____ % of all water.
-Icecaps, _____, lakes, and _____ make up ~ _____ % of water on
Earth.
- 4) **Geosphere** – _____, _____, _____.
- _____ - uppermost mantle and crust.
-Asthenosphere – melted, _____ mantle.

