

# End of Year Poster Guidelines

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CONGRATULATIONS! You have ALMOST survived 9<sup>th</sup> grade earth science. Throughout the year, we have covered many different topics. We have learned everything from the life cycle of stars to the interaction of tectonic plate to the gases surrounding the atmosphere and the movement of water from one place to another. You will take the main vocabulary for each GVC and create a **COLORED** poster showing how each is related. You need to draw a representation for each part and label the vocabulary and use words to describe the poster. The goal is to make 1 big picture and show all of the parts.



GVCs	Main Vocabulary
<b>Standard 1</b> - understand the scientific evidence that supports theories that explain how the universe and the solar system developed. They will compare Earth to other objects in the solar system.	Big Bang Theory, Composition, Heavy Elements, Milky Way Galaxy, Nebular Theory, Solar System, Red-Shift, Cosmic Radiation Background, planet, satellite, scale
<b>Standard 2</b> - understand Earth's internal structure and the dynamic nature of the tectonic plates that form its surface	Geosphere, seismic waves, s-wave, p-wave, lithosphere, asthenosphere, mesosphere, outer core, inner core, crust, mantle, core, tectonic plate, convection, volcano, earthquake, sea-floor spreading, divergent boundary, transform boundary, convergent boundary, subduction zone, mid-ocean ridge.
<b>Standard 3</b> - understand the atmospheric processes that support life and cause weather and climate.	Air mass, pollution, atmosphere, carbon cycle, Coriolis effect, cold front, warm front, greenhouse effect, Hadley cell, ozone, westerlies, easterlies, Ferrel cell, high pressure, low pressure, reflect, scatter, troposphere, stratosphere, mesosphere, thermosphere, trade winds, weather, climate
<b>Standard 4</b> - understand the dynamics of the hydrosphere	Abiotic, biotic, adhesion, cohesion, evaporation, transpiration, aquifer, spring, salinity, condensation, water cycle, intertidal zone, neritic zone, oceanic zone
<b>Standard 5</b> - understand how Earth science interacts with society	Positive feedback loop, negative feedback loop, natural hazard, geosphere, biosphere, atmosphere, exosphere. Hydrosphere

# Vocabulary Poster Rubric

Beginner 1	Developing 2	Accomplished 3	Advanced 4
Poster is <b><u>not neatly</u></b> colored; picture is <b><u>unidentifiable</u></b> and has <b><u>few</u></b> of the main vocabulary words.	Poster is <b><u>not neatly</u></b> colored, <b><u>difficult</u></b> to understand and has <b><u>some</u></b> of the main vocabulary words.	Poster is <b><u>neatly</u></b> colored, <b><u>easy</u></b> to understand and has <b><u>most</u></b> of the main vocabulary words.	Poster is <b><u>neatly</u></b> colored, <b><u>easy</u></b> to understand and has <b><u>all</u></b> of the main vocabulary words.