

End of Year Poster Guidelines

(This paper does not go in your binder. You will put the poster in your binder).

CONGRATULATIONS! You have ALMOST survived 8th grade integrated science. Throughout the year, we have covered many different topics. Everything from the atom and the chemical reactions atoms undergo, to the interaction atoms have in an ecosystem, and how energy is transferred in the different systems. It is time to TIE it all together!!



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 showing all of the parts.

GVCs	Main Vocabulary
8.0 - Differentiate between science & engineering practices	science, engineering, scientific method, engineering practice, hypothesis, independent variable, dependent variable, control, qualitative, quantitative
8.1 – Understand that all substances are a combination of small particles that interact and exchange energy	matter, atoms, nucleus, proton, neutron, electron, molecule, chemical property, physical property, flammable, physical change, chemical change, phase change, solid, liquid, gas, reactants, products, conduction, convection, radiation
8.2 – Understand how objects can store and transfer energy within systems.	kinetic energy, potential energy, energy transfer wavelength, crest, trough, amplitude reflection, absorption, scattering, diffraction, refraction, digital, analog
8.3 – Compare ways that plants and animals obtain and use energy and model how matter cycles through an ecosystem.	photosynthesis, cellular respiration, consumer, producer, predator, decomposer, food chain
8.4 – Compare interactions with natural systems and resources.	renewable resource, nonrenewable resource, fossil fuel, carbon dioxide, natural disaster

Vocabulary Poster Rubric

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