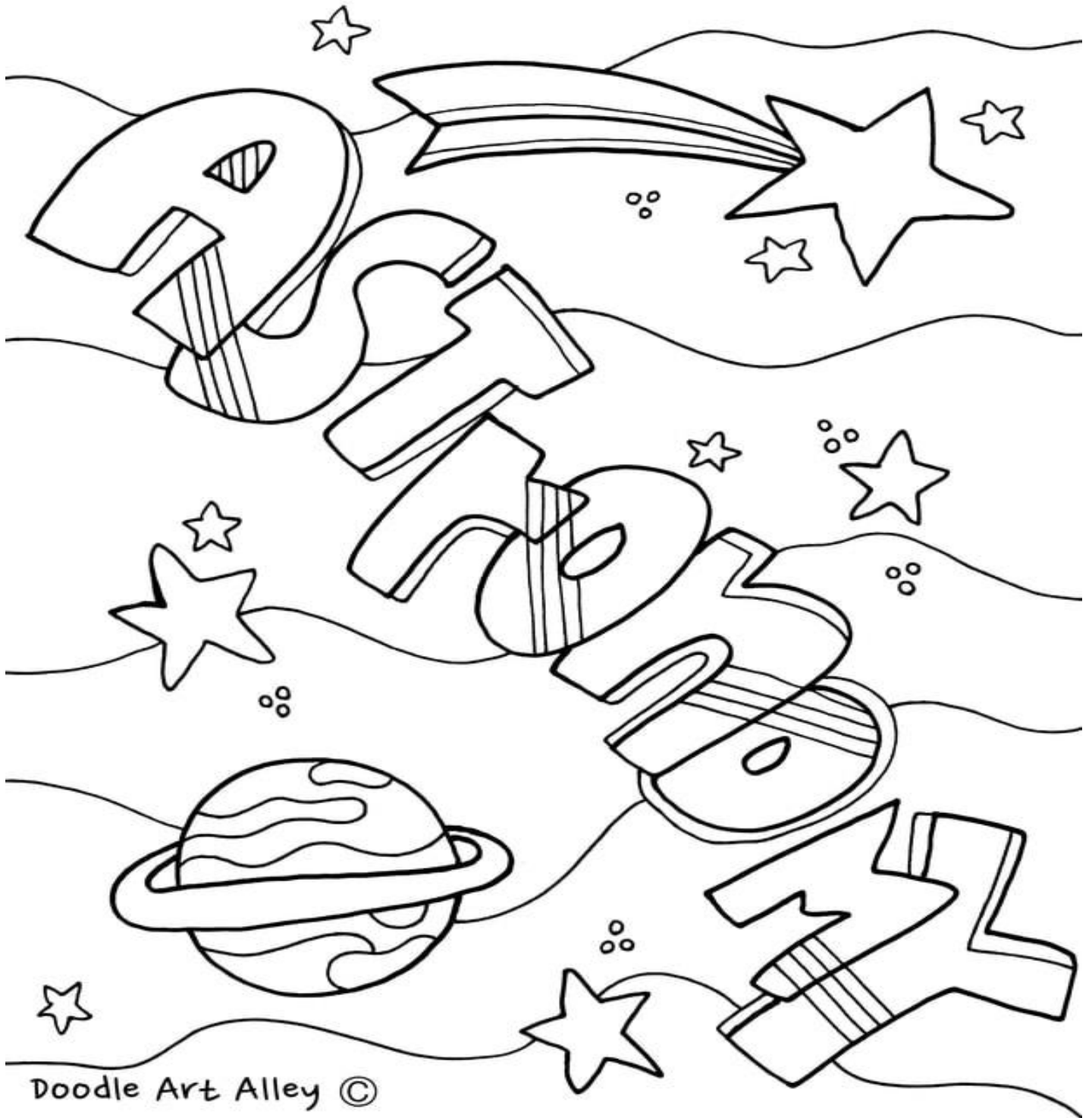


ESS.1 - Astronomy



Astronomy Unit Coversheet

An overview from the Utah State Core Curriculum

Dixie Middle School Earth Science Unit 2—Astronomy

Strand ESS.1 – Matter and Energy in Space

The planet Earth is a tiny part of a vast universe that has developed over a huge expanse of time. The Big Bang theory addresses research and evidence regarding how the universe was formed. Models allow us to illustrate how elements found on Earth were at one time synthesized in stars, exemplifying the cycling of matter and flow of energy over immense scales. The structure of the solar system can be explained using multiple lines of evidence relating to its formation. Humans are innately curious and always pushing the bounds of discovery when it comes to the solar system, galaxy, and universe.

GVC – Construct on argument from evidence that the same forces that formed our universe and solar system are still at work today.

****If you receive a quiz score that is below proficient, please be sure to do a little extra studying on that topic and retake before or after school. There will be times during class to retake the quiz as well.**

You have 2 weeks from the original quiz to complete the retake, after that form B will no longer be available. **

Mastery Quiz	Learning Target	Form A	Form B
ESS.1.5 (Early Theories)	I can evaluate and communicate how space exploration and technology have affected our understanding of the universe.		
ESS.1.1, 1.3 & 1.4 (Nebular Theory and Star Lifecycles)	I can develop a model to illustrate the changes during the life cycle of a star, element formation, and nuclear fusion. I can construct an explanation of the nebular theory and evidence supporting it. I can ask questions and obtain information to compare size and scale of objects in the solar system, milky way galaxy, and the universe.		
ESS.1.2 & 1.6 (Theories of the Universe)	I can construct an argument based on evidence as to how the big bang theory is based on astronomical evidence. I can solve a space exploration challenge.		
ESS.1 (Unit Test)	Earth and Space Science Unit Test	Test score	Remediation complete <input type="checkbox"/>