

Mr. Miller's Astronomy Class

Project #01 = Constellation

Part 1 = Report (50 Pts.)

- Name and Translation of the Constellation (10 pts.)
 - What is the name and what does it mean in English?
- Location of the Constellation (10 pts.)
 - Use right ascension and declination (5 pts.)
 - Give reference to another common constellation (5 pts.)
- Legend (10 pts.)
 - What is the story behind the constellation?
 - Explain the Greek or Roman myth
 - If no story, what and who?
 - What does it look like?
 - Who came up with the name?
- Picture/Map (10 pts.)
 - Option #1 = Draw using draw function of Word
 - Option #2 = Insert photo from internet with proper citation
- Cool Stuff in the Constellation (10 pts.)
 - Stars that makeup the constellation
 - How many stars make up the constellation?
 - Are there any important stars?
 - Betelgeuse is located in Orion
 - Proxima Centari is located in Centaurus
 - Some have asterisms within them
 - Asterisms are patterns of stars with a “common name”
 - Ursa Major has the “Big Dipper”
 - Sagittarius has the “Teapot”
 - Many have galaxies, nebulas, or clusters located within them
 - Taurus has M1
 - Orion has M42
 - Some have other important things such as binary or variable stars
 - Cygnus has Cygnus X-1, which is believed to be a black hole

Part 2 = Presentation (50 Pts.)

- Visual Aid (35 pts.)
 - Name of Constellation (5 pts.)
 - Picture/Map of constellation (10 pts.)
 - Must be majority of visual aid and must be in color
 - At least 4 major pieces of information about constellation (20 pts.)
 - Remember this is a visual aid designed to get a person just walking by the poster to want to learn more about your cool constellation
- Delivery (15 pts.)
 - Knowledge of Content (10 pts.)
 - Obviously knows the information about constellation
 - Only uses index card to stay on track, not to read word for word
 - Speaking Skill (5 pts.)
 - Able to speak clearly and look at audience while speaking