

Constellations Project (counts as two project grades)

Students will research two star constellations (one in the Northern Hemisphere and one in the Southern Hemisphere) to do a research paper and construct hanging mobiles. The students will conduct the most research on their Zodiac sign or constellation's myth. All constellations MUST be hanging mobiles created to represent it and to be put on display in their teacher's classroom. (This is a SOLO project, and there are no pairs or groups. Each person must research two different constellations, which is why a drawing will be done.) Computers will be available for research, word processing, and power point creation. However, all mobiles will need to be built using your own or borrowed supplies.

Requirements:

- 1. A Research Paper: 1.5 pages about each constellation plus a title page and a Bibliography in MLA-style (remember citing throughout the paper is also evaluated)**
Paper facts should include, but not be limited to the following:
 - A. Name, symbol and myth associated with it. If it has multiple myths, select one, but mention the other cultures that also recognized it or had a name for it.**
 - B. Place in the Northern Hemisphere and Southern Hemisphere, as well as the time it can be observed the best.**
 - C. Star facts: types of stars, distance(s) from Earth, any planetary nebulas or other celestial objects in the constellation or near it, other constellations close to it, and how to find it the best.**
 - D. Any other facts that you find pertinent, interesting, or worthy of filling open paragraph space!**
 - E. Remember if you have a Zodiac sign MUST have the most information about it. This will pull in some of the Astrology-types of information and superstitions. (Is it a water sign? Is it an animal or person? Why personality traits are connected with it? Which planet is it associated with?)**
- 2. A *Hanging Mobile* for each constellation.**
- 3. A Presentation (visual/powerpoint/Prezi) to discuss their constellations with their peers.**

The first deadline will be with **credit 5** for the **Northern constellations**, and the second deadline with credit 10 for the **Southern constellations**. Scoring will be as follows:

Autumn and Winter Northern Hemisphere Constellations

Canis Major
Eridanus
Orion
Perseus
Cassiopeia
Cepheus
Draco
Ursa Major
Ursa Minor
Pegasus
Andromeda

Zodiacs in N.H.

Gemini
Taurus
Aquarius
Capricornus
Pisces
Libra
Aries

Autumn and Winter Southern Hemisphere Constellations

Aquila
Cygnus
Hercules
Lyra
Carina
Centaurus
Southern Cross
Hydra

Zodiacs in S.H.

Cancer
Sagittarius
Ophiuchus
Scorpius
Virgo
Leo