

## Constellation Travel Brochure

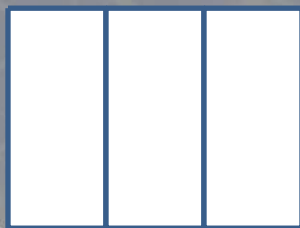
**Summary:** As you may know, many people who live in bright city lights are unfamiliar with the nightly constellations. They just can't see the stars through all of the city light pollution. To become more familiar with the constellations, you are each going to learn and present about one.

You are going to create a brochure to education the public about one constellation. This brochure will count as a project grade in your science class. NASA would not accept any brochure without proof of research, so your notes and research must be attached to the final brochure.

**Purpose:** The purpose of this assignment is to combine your skills in astronomy with your skills in writing and presentation. You will create a brochure to educate people about your constellation, and to persuade them to view it in the night sky.

**Writers Role:** You, as an expert on Astronomy and Constellations, have been hired by NASA to create a constellation brochure.

**Form:** This brochure should include 2-4 paragraphs of text and 1-2 lists. It should be tri-fold (6 columns) and both sides should be printed with text and visuals.



**Procedure:** You will use all possible resources to research your constellation. You must present the following facts or details that are true and verifiable.

- 1) You will write 3+ complete sentences describing the history of the constellation and the origin of the Greek myth/legend associated with it. You must also include 1+ sentences describing another cultures' interpretation of the constellation.
- 2) You will generate a list of the 5 brightest stars ( $\alpha\beta\gamma\delta\epsilon$ ), including their color and classification. You must also indicate if any other these stars are variable stars.
- 3) You will also write 5 complete sentences that include a description of the location of the constellation using RA/Dec, a description of nearby constellations, and the best date to observe your constellation at midnight.

You will also generate a list of all significant Messier and NGC objects, indicating if the object is a Nebula, Open Cluster, Globular Cluster, Galaxy, or other.

- 4) Your brochure must include 3+ images. One image must be a full color representation of the constellation stars. The images should include one M or NGC object (with a description beneath) and an image that demonstrates the mythological character of the constellation.