Constellation Assignment

You will be creating a Constellation project for our Sky Science unit. The purpose of this project is to demonstrate your understanding of constellations, and teach others about them in an artistic and interesting way. Your project will involve a written, artistic and hands on component.

PART A
1. Review what you know about constellations and/or do research using books, encyclopedias or Internet resources to find out:
- What is a constellation?
- Who created the constellations?
- How did constellations get named or created?
Write a paragraph about what you know.

2. Research a specific constellation of your choice. Take **notes** about its origin and the 'story' behind it.
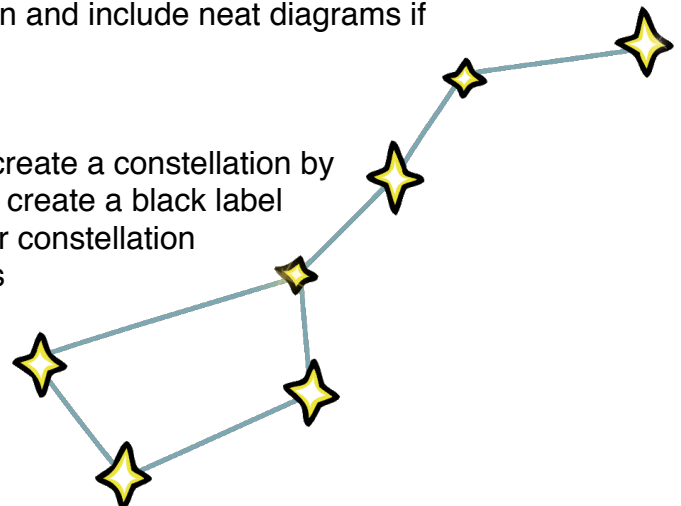Write a **paragraph** about 'your' constellation.

PART B
3. Create your chosen constellation on the black paper provided using construction paper (or another appropriate material with Mr. Polsky's permission) for the large or major stars in the constellation and small hand drawn stars for the rest of the stars. Depending on your constellation you may need to draw faint lines connecting the stars to show the true shape being made.

4. Describe how the location of constellations is **different throughout each night and also through out the yea**r. Explain **why** this is. You may want to draw diagrams to support your explanation.
Write a paragraph (or more) with this explanation and include neat diagrams if you wish.

PART C - <u>OPTIONAL</u>
5. Using the Pringles tins you and a group will create a constellation by punching holes in the bottom of the tin. You will create a black label to go around the tin, which has the name of your constellation and instructions for viewing. In your instructions describe how by rotating the tin you are simulating the information from question 5.

Constellation Assignment Marking Criteria   Name: _____

	5	4	3	2
What is a constellation … Accuracy, detail				
Constellation story Accuracy, detail				
Constellation movement Accuracy, detail				
Conventions				

Total: _____ =   %
       20

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