**Constellations -Internet C:\Users\arhuckab\AppData\Local\Microsoft\Windows\Temporary Internet Files\Content.IE5\N2ESS419\MC900151019[1].wmf**

Use the internet and search for constellations….. click on the pictures to see the stars with the shapes drawn in around them. (SOME sites may be located in the Constellation file of “favorites” on classroom computers)

1. *Which constellation is called “the twins?”*
2. *Which three birds have constellations named for them?*
   1. *Name the birds and the constellations*
3. *What are the two names of constellations named after bears?*
4. *What is the shape of Canis Major?*
   1. *Sketch it*
5. *What constellation is called “the hunter?”*
6. *Which constellations do you think look like the shape for which they are named?* 
   1. *Name at least three*
7. *Which are easy to recognize?*
   1. *Name at least three*
8. *Which constellations do not look at all like the shape for which they are named?* 
   1. *Name at least three*
9. *Which one in particular makes you wonder, “How did anyone ever see that in the stars?”*

*MAKE A DATA TABLE:*

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| *Star* | *Distance* | *Apparent Mag.* | *Absolute Mag.* | *Spectral Type* |

1. *Name the 10 brightest stars: give their distance, magnitude values (2) and the spectral type.*

*MAKE A DATA TABLE:*

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| *Star* | *Distance* | *Apparent Mag.* | *Absolute Mag.* | *Spectral Type* |

1. *Name the 10 closest stars: give their distance, magnitude values (2) and the spectral type.*
2. *Are there any stars that are in both categories (brightest and closest)?* 
   1. *Name them* **Continue on with page 2…..**

Now that you have reviewed some basic constellation information, your job is to choose one constellation (NOT one mentioned in any previous answers) and, answer the questions that follow about that constellation.

1. *Name of the constellation:*
2. *Describe the constellation’s shape:*
   1. *Sketch it*
3. *What is the constellation’s nickname?*
4. *How many stars are in the constellation?*
5. *What is the name of at least one individual star in the constellation?*
6. *During which months can the constellation be seen in the sky?*
7. *Are there additional names given to your constellation (from other languages or cultures)?*
8. *Write the myth (the story) behind the name of the constellation.*

Read several myths so you may become familiar with the idea of a story behind a constellation - as you will be creating your own constellation and the myth that is behind it…..