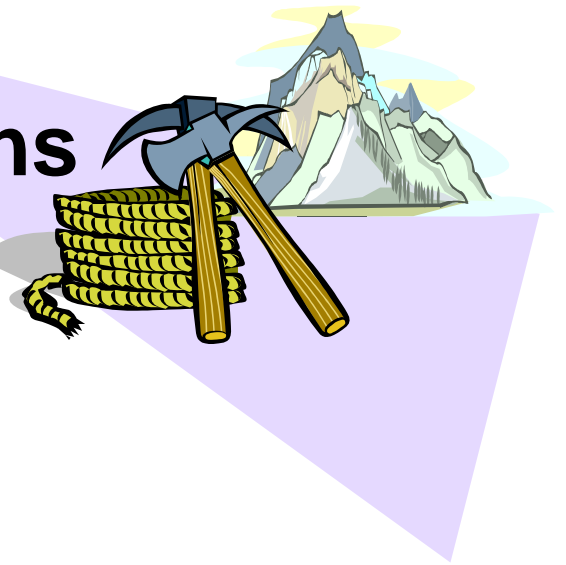


Constellations in a Tube



QUESTION: What are constellations?

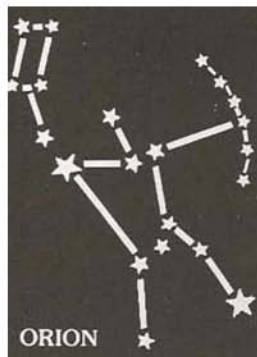
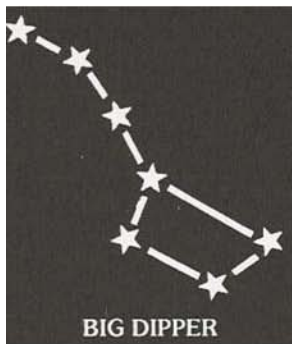
MATERIALS:

ABS pipe (2" X12")
constellation patterns

scissors
transparent tape

PROCEDURE:

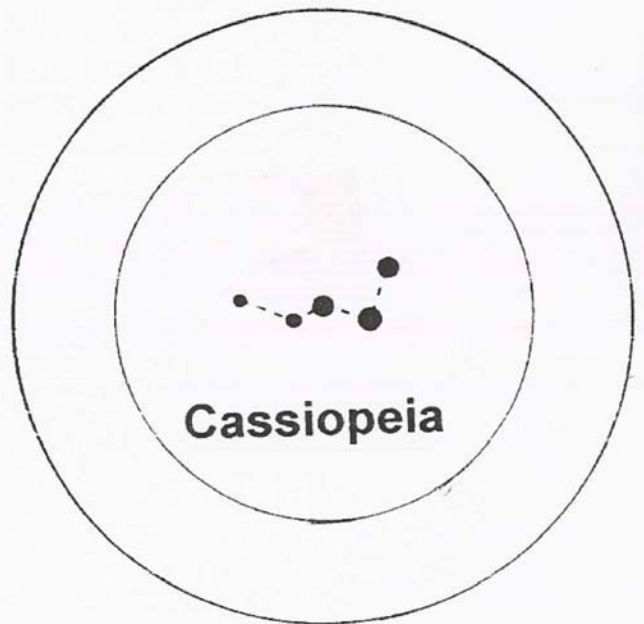
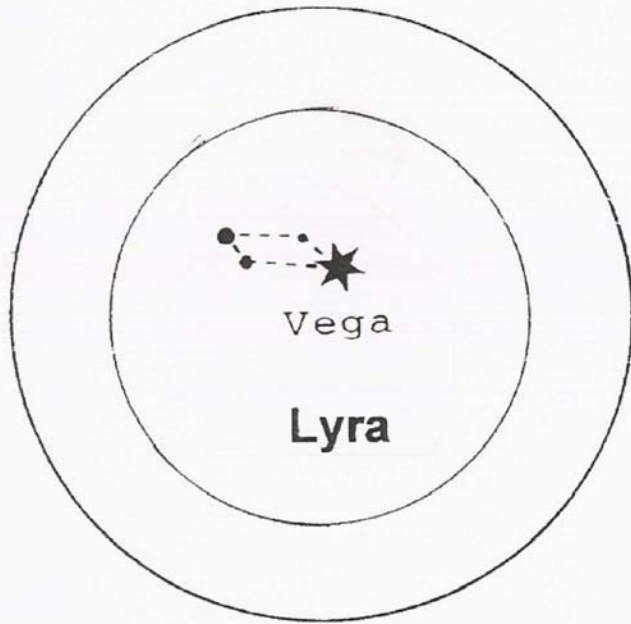
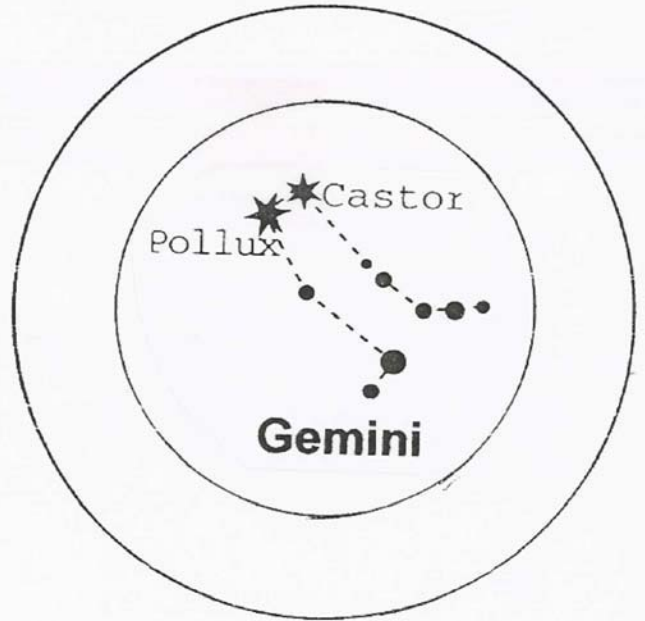
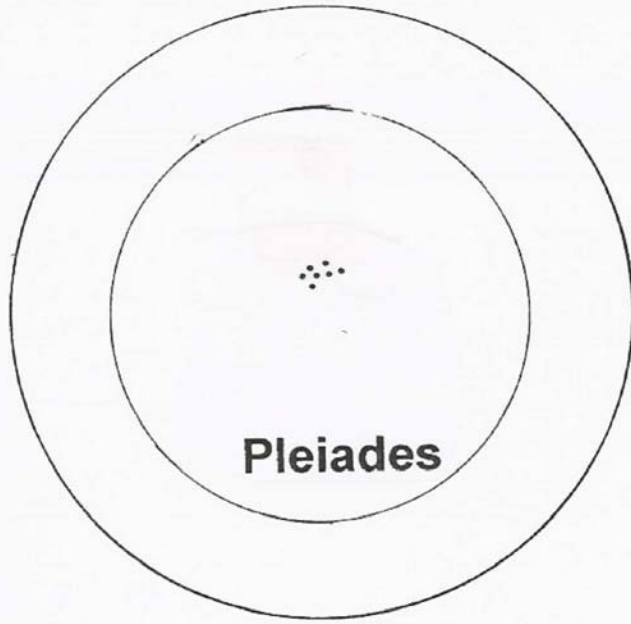
1. Cut around the outer circle of each constellation pattern.
2. Next cut slots from the outer edge to the inner circle. Space these cuts about $\frac{1}{2}$ inch apart.
3. Take one of the constellation patterns you have cut out and tape it to one end of the pipe.
4. Use a pencil or toothpick to poke holes corresponding to each star that make up the constellation. Try to make each star the correct relative size.
5. Point the covered end of the pipe toward a light source and view your constellation. Be sure it is right side up.



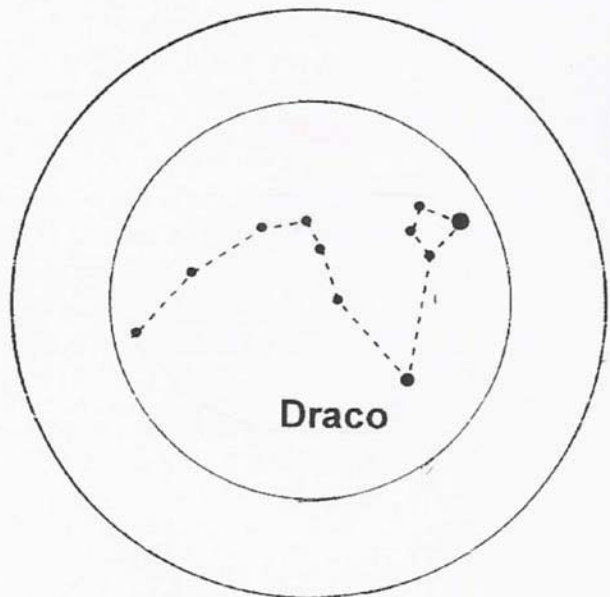
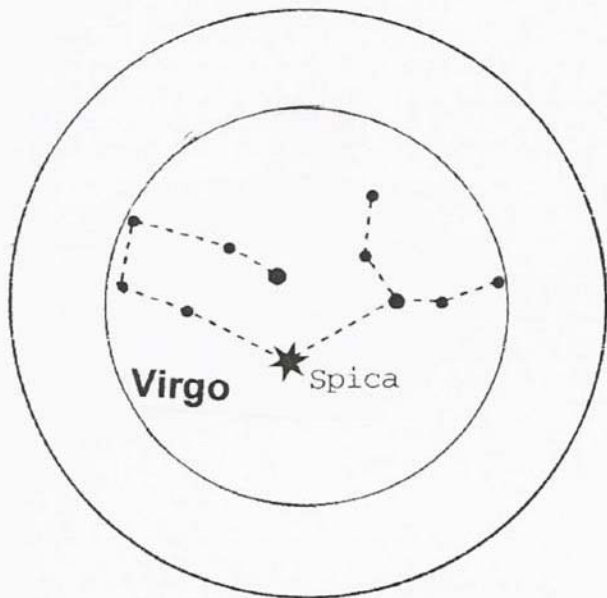
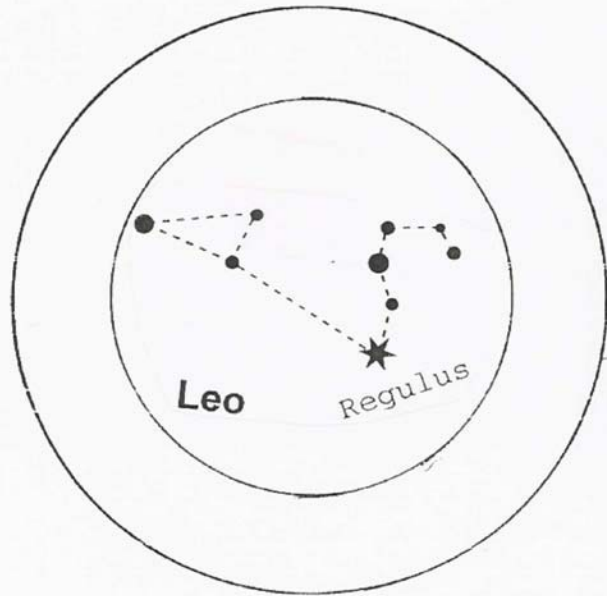
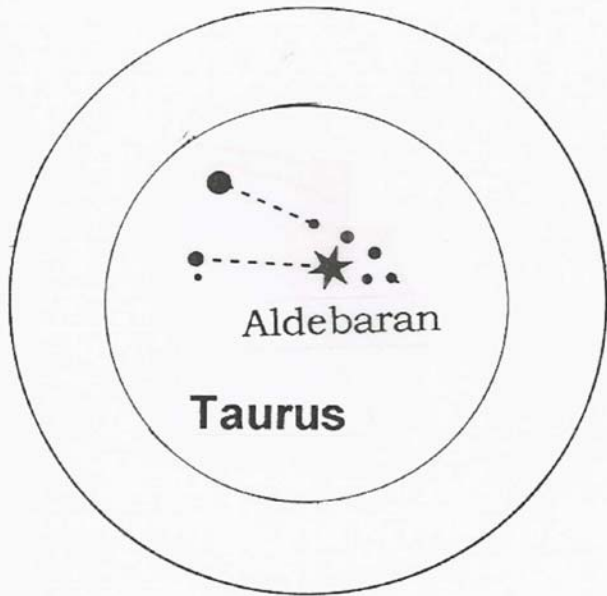
QUESTIONS:

1. What constellations did you make?
2. What are two constellations that can be seen all through the year?
3. What are two constellations that can be seen mainly in summer?
4. What are two constellations that can be seen mainly in winter?
5. What constellation contains Polaris?
6. What constellation do some believe that Jesus will come through when He returns to Earth?

ES – Activity #5



ES – Activity #5



ES – Activity #5

