



Make a Galaxy!

Create a Spiral Galaxy and an Elliptical Galaxy!

Spiral Galaxy

Materials

- Spiral Arm Diagram
- Cotton balls (2 per galaxy)
- Scissors
- Glue
- Glitter – Blue and Red

Directions:

1. Cut out spiral arms
2. Stretch large cotton balls (two per galaxy).
3. Glue cotton to the center of the top AND the bottom of spiral arms. The cotton represents the bulge of a spiral galaxy.
4. Look at the image of the Whirl Pool Galaxy! - <http://hubblesite.org/gallery/album/galaxy/pr2005012a/hires/true/>
5. Sprinkle blue glitter lightly on the spiral arms to represent the stars forming.
6. Create spots of red glitter to represent the star forming clusters.

Elliptical Galaxy

Materials

- Construction Paper
- Cotton balls (3 per galaxy)
- Glue
- Glitter – Yellow or Gold

Directions:

1. Glue the 3 cotton balls to the center of the construction paper
2. Stretch the cotton balls out from the center, keeping a roughly circular shape.
3. Look at the image of galaxy M87 - <http://hubblesite.org/gallery/album/galaxy/pr2008030f/>
4. Elliptical galaxies are thought to have older, more mature stars. Sprinkle over the entire galaxy with the yellow glitter to show.



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