



# 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 galaxy, one on top AND one on the bottom of the galaxy. The cotton represents the bulge of a spiral galaxy.
4. Look at the image of the Whirlpool Galaxy! - <https://hubblesite.org/contents/media/images/2005/12/1677-Image.html>
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 - <https://hubblesite.org/contents/media/images/2008/30/2391-Image.html?news=true>
4. Elliptical galaxies are thought to have older, more mature stars. Sprinkle over the entire galaxy with the yellow glitter to show.

# Make a Galaxy!

