



# Astronomical Classification

---

- Elliptical/Red/Yellow/White: do not contain young stars
- Irregular/Blue/White: newer, recent star formation



# Stars

---

- Massive, gaseous bodies that undergo nuclear fusion and emit light. The "spikes" in the pictures are caused by telescope distortion.





# Spiral Galaxies

---

- Have two or more arms winding out from a central disk. Look like a “fried egg” from the side. Contain blue/white color from recent star formation especially in the arms.



# Elliptical Galaxies

---

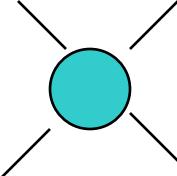
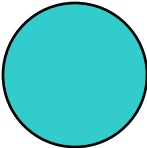
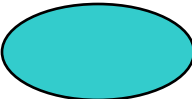
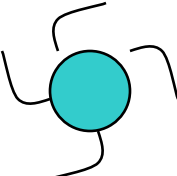
- Variety of shapes from round to flat. Smooth, featureless; contain yellow and red color because they do not contain young stars.



# Irregular Galaxies

---

- Have stars, dust, and gases scattered in random patches. Blue or white because recent star formation makes these galaxies appear blue.

					irregular
Blue					
White					
Yellow					
Red					





# Groups With Five Objects

---

- List three objects you and the Astronomers classified the same.
- List three objects you and the Astronomers classified differently.
- Give two reasons you might have disagreed with the Astronomers.
- How many groups have five or more objects in them. Describe the characteristics of one of those groups.