**Galaxies**

## A **galaxy** is a huge collection of \_\_\_\_\_\_\_, \_\_\_\_\_\_\_\_\_, and *billions* of stars and their solar systems.

Galaxies are held together by \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_.

Most galaxies have \_\_\_\_\_\_\_\_\_\_ \_\_\_\_\_\_\_\_\_\_\_\_ at their centers.

There are three types of galaxies:

* **Spiral galaxies:**
  + Have long “\_\_\_\_\_\_\_\_\_\_” that spiral outwards
  + Contain dust clouds and gas that leads to the ongoing formation of new \_\_\_\_\_\_\_\_\_
* **Elliptical galaxies**:
  + Do not have “arms” and appear \_\_\_\_\_\_\_ shaped ranging from circular to very stretched out
  + Have \_\_\_\_\_\_\_\_ star making gas and dust clouds, so there is little new star formation occurring
* **Irregular galaxies**:
  + Are irregular in shape

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