

Sum It Up »

The universe is composed of billions of galaxies. Dust, gas, and billions of stars make up a galaxy. The idea web below summarizes information about stars and galaxies. Complete it using the words and phrases from the box.

Types of Galaxies

Spiral

Color

Elliptical

Characteristics of Stars

Irregular

Temperature

Size





Name _____

Vocabulary Review

1

Use the clues to unscramble the words in the boxes.

1. _____ A person who studies the universe
2. _____ A galaxy with no particular shape
3. _____ Characteristic that is related to a star's temperature
4. _____ A ball of hot, glowing gases
5. _____ A pinwheel-like galaxy
6. _____ A group of stars, dust, and gases
7. _____ A galaxy shaped like a flattened globe
8. _____ Everything that exists – planets, stars, dust, and gases
9. _____ The study of the objects in space and their properties

Apply Concepts

2 What are some ways in which galaxies differ?

3 Look at this picture of a spiral galaxy.



Draw a picture of a barred spiral galaxy.

Tell how the two galaxies are alike and different.

4 Look at these two stars. Compare and contrast them using at least two properties.

red
giant



blue
star

5 How do these stars compare to the sun?

Take It Home!

Find out which are the brightest stars that are visible this time of year in your area. With an adult, observe the stars. Make a diagram of the night sky showing where to find the brightest stars.