

Name: _____ Date: _____

Answer Key: Cosmic Neighborhoods: A Kindergarten Space Explorer's Quiz

Little astronomers identify star shapes and sort galaxy patterns while solving 10 puzzles about our home in the great big dark.

1. Imagine you are looking at a galaxy shaped like a giant, fuzzy cotton ball. What do scientists call this round shape?

Answer: B) An elliptical galaxy

Elliptical galaxies are shaped like circles or ovals, much like a round ball of stars.

2. The Universe is very small, like a playground.

Answer: B) False

The Universe is everything there is, and it is bigger than anything we can imagine!

3. A galaxy is a very big family of billions of ____, dust, and gas held together.

Answer: A) Stars

Galaxies are made mostly of stars, which look like tiny dots of light from far away.

4. Our home galaxy is the Milky Way. If you could see it from the top, it looks like a spinning flower. What shape is this?

Answer: B) Spiral

Spiral galaxies have curvy 'arms' that look like they are spinning around a center.

5. Stars can live inside of galaxies.

Answer: A) True

Every star you see at night is part of a galaxy neighborhood.

6. The Universe is always getting ____, just like a balloon getting more air.

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Answer: C) Bigger

Scientists have found that the Universe is expanding, which means it is stretching out and getting bigger.

7. Some galaxies don't look like circles or spirals. They look messy, like a spilled box of toys. What do we call these?

Answer: A) Irregular galaxies

Irregular means 'no specific shape,' and these galaxies look different every time.

8. There is only one galaxy in the whole Universe.

Answer: B) False

There are billions and billions of galaxies spread out all across the Universe.

9. What is the name of the special group of stars where the Earth and the Sun live?

Answer: C) The Milky Way

The Milky Way is our galaxy's name. It looks like a milky splash of light in a dark sky.

10. If you could travel across the Universe, you would find that most of it is actually ____ space.

Answer: A) Empty

Even though there are many galaxies, they are very far apart with a lot of empty space between them.