THE UNIVERSE AND ITS COMPONETS

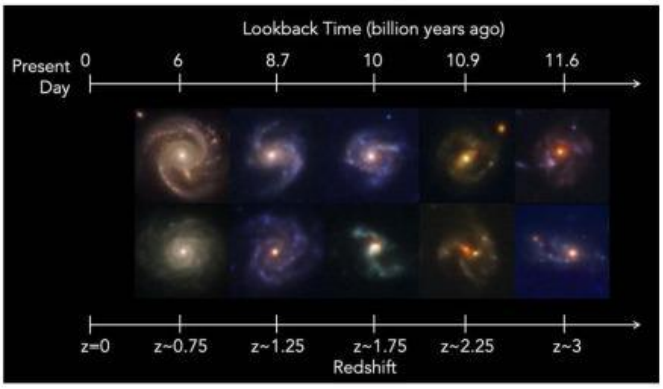
Hello guys!

Today we are going to talk about the Universe and its components.
But first, you must look a video.

Reading: Components of the Universe

The universe is everything that exists, including stars, planets, galaxies, and space. Stars are big, bright balls of gas that give off heat and light. The Sun is a star, and it is very important for life on Earth. Planets are big, round objects that travel around stars. Earth is a planet that moves around the Sun. Some other planets are Mars, Jupiter, and Saturn. The space between stars and planets is called outer space, and it is mostly empty.

Galaxies are huge groups of stars, dust, and gas. Our planet is part of the Milky Way Galaxy, which has billions of stars. In the universe, there are many galaxies like the Milky Way. Some are small, and others are very big. The universe is so big that we cannot see all of it. Scientists study the universe using telescopes to learn more about what is out there. They think the universe started with a big explosion called the Big Bang.



LIVEWORKSHEETS

Classwork Activity: Components of the Universe

Instructions: Answer the following questions based on the reading.

Multiple Choice:

1. **What is the universe?**
   a) Only the Earth and the Sun
   b) Everything that exists, including stars, planets, and galaxies
   c) Only the stars

2. **What is a star?**
   a) A small planet
   b) A big, bright ball of gas
   c) A type of galaxy

3. **What is the name of the star important to life on Earth?**
   a) Moon
   b) Sun
   c) Jupiter

4. **Which of the following is a planet?**
   a) Mars
   b) Milky Way
   c) Big Bang

5. **What do planets do around stars?**
   a) Stay in one place
   b) Travel around stars
   c) Disappear

6. **What do scientists use to study the universe?**
   a) Telescopes
   b) Spaceships
   c) Computers

Fill in the Blanks:

7. The space between stars and planets is called _____.

8. A galaxy is a huge group of stars, dust, and _____.

9. Our planet is part of the _____ Galaxy.

10. Scientists think the universe started with a big explosion called the _____.

LIVEWORKSHEETS