

GRADE 8

4a

Earth in the Solar System

The structure and composition of the universe can be learned from studying stars and galaxies and their evolution. As a basis for understanding this concept:

Students know galaxies are clusters of billions of stars and may have different shapes.

GRADE 8

4b

Earth in the Solar System

The structure and composition of the universe can be learned from studying stars and galaxies and their evolution. As a basis for understanding this concept:

Students know that the Sun is one of many stars in the Milky Way galaxy and that stars may differ in size, temperature, and color.



Earth in the Solar System

The structure and composition of the universe can be learned from studying stars and galaxies and their evolution. As a basis for understanding this concept:

Students know how to use astronomical units and light years as measures of distances between the Sun, stars, and Earth.

GRADE 8

4d

Earth in the Solar System

The structure and composition of the universe can be learned from studying stars and galaxies and their evolution. As a basis for understanding this concept:

Students know stars are the source of light for all bright objects in outer space. The moon and planets shine by reflected sunlight, not by their own light.

GRADE 8

4e

Earth in the Solar System

The structure and composition of the universe can be learned from studying stars and galaxies and their evolution. As a basis for understanding this concept:

Students know the appearance, general composition, relative position and size, and motion of objects in the solar system, including planets, planetary satellites, comets, and asteroids.