

SECTION 5: EARTH

Words to Know:

Deflect: To cause something to turn aside from a straight course or to change direction.

Emanating: Originating, coming from, or being produced by.

Magnetosphere (mag neet' uh sfear): The region surrounding Earth or another astronomical body in which its magnetic field is the predominant effective magnetic field.

Matter: Matter is anything that has mass and takes up space.

Meteorite (mee' tee uh rite'): A meteor that has made its way into Earth's atmosphere and landed in the ocean or on dry land.

North Pole: The North Pole is the northernmost point of Earth's or another planet's axis.

Northern hemisphere (hem' us sfear): The northern hemisphere is the half of Earth or another planet between its North Pole and its equator.

Ozone layer: The ozone layer is in Earth's stratosphere. It absorbs most of the ultraviolet radiation reaching Earth from the sun.

Oxygen (ox' uh jen): Oxygen is a colorless and odorless gas that people need to breathe. It makes up about one-fifth of the volume of Earth's atmosphere.

Rotational period: A planet's rotational period is the length of one full day on that planet.

Solar wind: Solar wind is the continuous flow of charged particles from the sun that permeates the solar system.

South Pole: The South Pole is the southernmost point of Earth's or another planet's axis.

Southern hemisphere (hem' us sfear): The southern hemisphere is the half of Earth or other planet between the South Pole and the equator.

Ultraviolet radiation: Ultraviolet radiation is made up of invisible rays that are part of the energy that comes from the sun.

Fascinating Facts about Earth

Directions:

Some of the words are not on the writing lines so that you can practice writing them on your own. Where the words have been removed, the first letter of each line is there to help guide you.

1. Read the fact.
2. Trace the words and letters provided, and then write the rest of the fact on your own.
3. Make sure your letters are the same shapes and sizes as the examples.
4. Read the fact again.

Earth is the third planet

from the sun in our solar

system.

Earth is the third planet

f

s

Earth is one of the four

terrestrial planets in our

solar system.

Earth is one of the four

T

S

God placed Earth at a
perfect distance from the sun
so that it is not too hot or too
cold.

God placed Earth at a

P

S

C

Earth makes a complete
revolution, or orbit, around
the sun about every 365.25
days. We call this time period
an Earth year in astronomy,
while in most other cases we
simply call it a year.

Earth makes a complete

r

t

d

a

w

s

God created Earth at a tilt

so the different parts of

Earth receive different

amounts of sunlight

throughout the year as

Earth orbits the sun. This

gives us different seasons.

God created Earth at a tilt

s

E

a

t

E

g

During summer in the United

States, Earth is a little