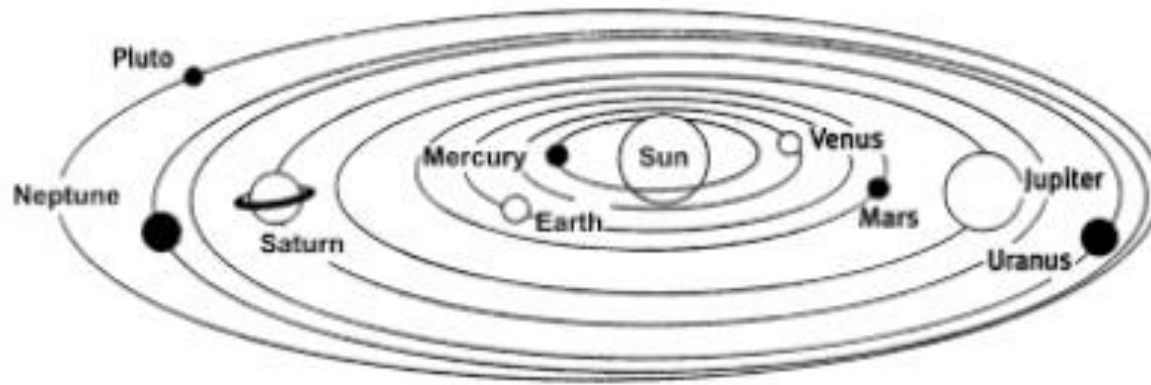


This is our Solar System



In the center is a Star called the Sun.

Facts about the Sun

Go through these cards to learn as many facts about the sun as you can.

**THE SUN GIVES OFF LIGHT,
THERMAL, AND SOLAR
ENERGIES.**

**THE SUN IS COMPOSED OF
GASES.**

**THE SUN IS THE LARGEST
OBJECT IN OUR SOLAR SYSTEM.
IT IS A STAR.**

ONE MILLION EARTHS COULD FIT
INSIDE THE SUN

ONE MILLION EARTHS COULD FIT
INSIDE THE SUN

THE SUN IS AN ALMOST
PERFECT SPHERE.

THE TEMPERATURE INSIDE THE
SUN CAN REACH 15 MILLION
DEGREES CELSIUS.

SOL MEANS SUN.

THE SUN IS ALL COLORS MIXED TOGETHER. IT APPEARS WHITE TO OUR EYES.

LIGHT FROM THE SUN TAKES 8 MINUTES TO REACH THE EARTH.

BECAUSE THE EARTH'S ORBIT IS ELLIPTICAL LIKE AN EGG, THE DISTANCE FROM THE SUN AND THE EARTH CHANGES THROUGHOUT THE YEAR.

**THE CORONA IS A SMALL
CIRCLE OF LIGHT ON THE
OUTSIDE OF THE SUN.**

**THE PHOTOSPHERE IS THE
SUN'S OUTER SHELL WHERE
SUNSPOTS ARE LOCATED.**

**THE CENTER OF THE SUN IS
CALLED THE CORE.**

**WITHOUT THE SUN, LIFE WOULD
NOT BE POSSIBLE ON THE
EARTH.**

THE SUN PROVIDES ALL THE ENERGY FOR THE PLANET EARTH.

PLANTS TAKE THE SUN'S RAYS AND USE THEM TO MAKE ENERGY IN A PROCESS CALLED PHOTOSYNTHESIS.

THE SUN MOVES WATER THROUGHOUT THE PLANET IN A CYCLE CALLED THE WATER CYCLE.

THE ENERGY FROM THE SUN REGULATES THE TEMPERATURE ON THE PLANET.

THE SUN IS A MIDDLE-AGED
STAR

THE SUN HAS A VERY STRONG
MAGNETIC FIELD.

THE SUN SHOOTS ENERGY INTO
SPACE. WE CALL THE
ERUPTIONS OF ENERGY SOLAR
FLARES.

THE SUN HAS DARKER, COOLER
AREAS ON THE SURFACE
CALLED SUNSPOTS.

Diagram of the Sun

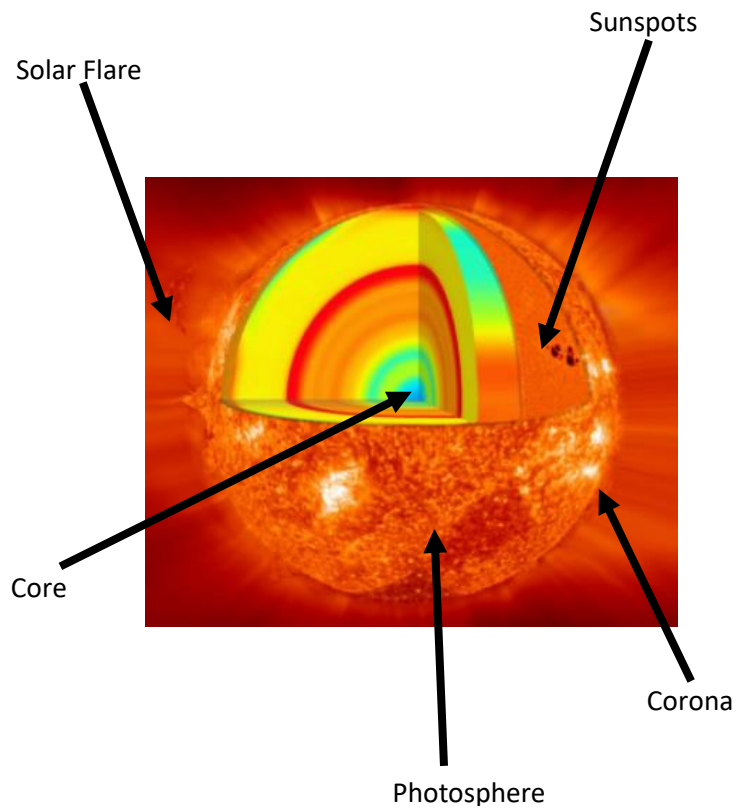
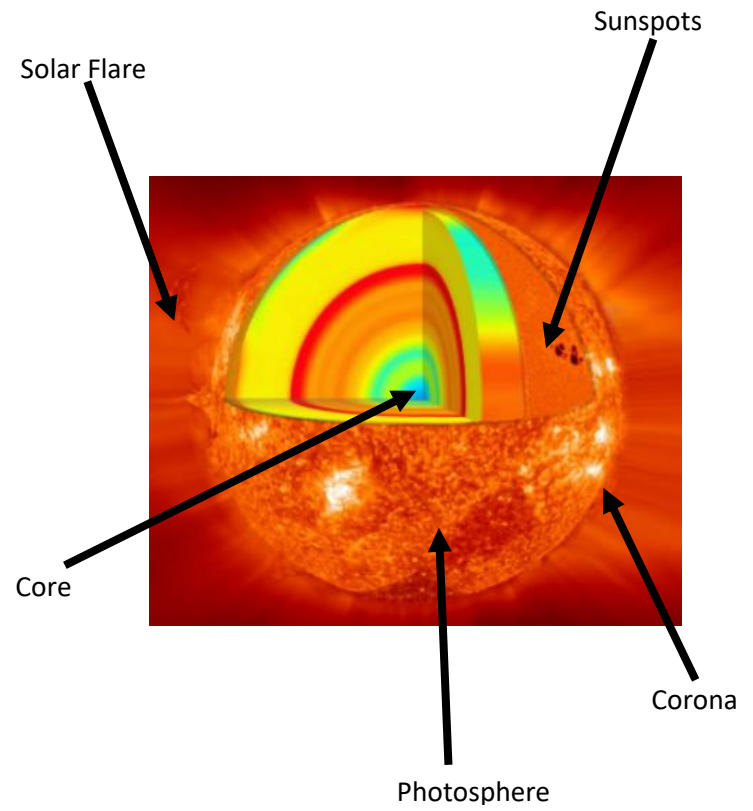


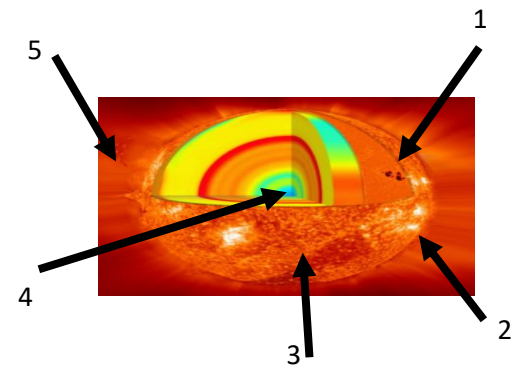
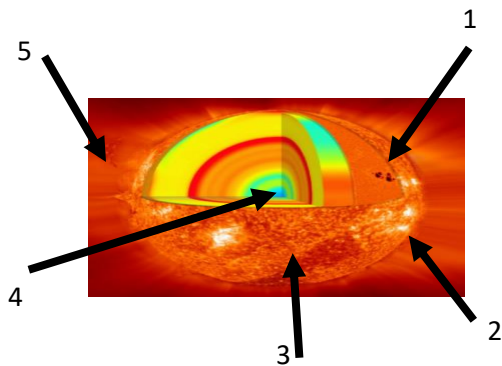
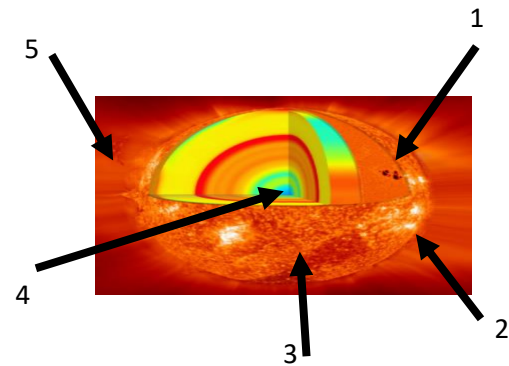
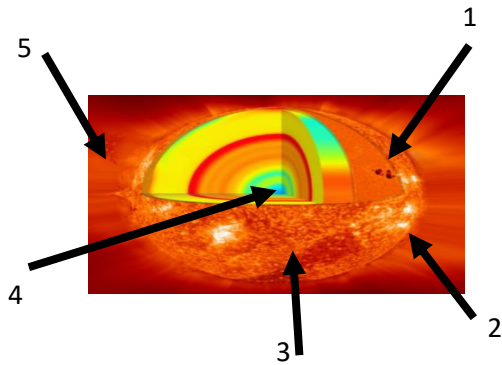
Diagram of the Sun



Use the diagram of the Sun student help card and the facts about the sun cards for this activity.

Use the sentence stem below

I think that number ___ represents the _____ because _____.





Mercury



Venus

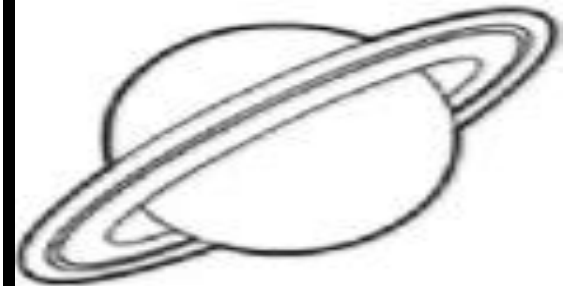


Earth

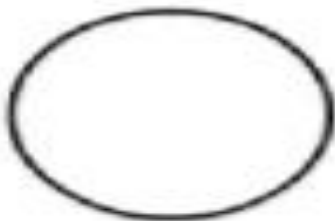


Mars

Draw a picture of the sun and label all its parts.



Saturn



Uranus



Neptune



Pluto