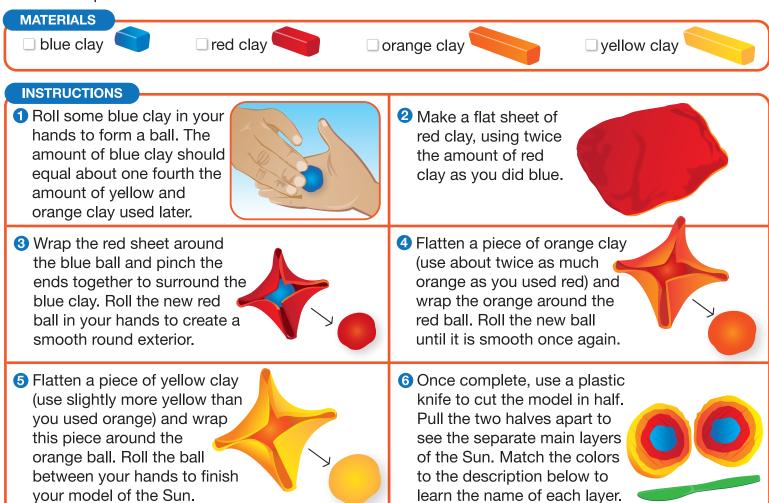


Anatomy of the Sun

You've probably seen models of the inside of the Earth, but what about the inside of the Sun? Do you know the names of the layers that compose the star that keeps our planet spinning? Follow the steps below to explore the inside of the Sun.





The Layers of the Sun

Extreme temperatures are created deep within the Sun's Core. Energy created in the core through a process called nuclear fusion radiates outward and travels through the Radiative Zone. This energy rises as solar plasma (the Sun's material) in the Convection Zone. When the plasma nears the Sun's surface, it cools and falls to be heated once again. This cycle continues with the solar plasma held in place by magnetic fields in the relatively thin outer layers called the Photosphere and the Chromosphere. (The outer atmosphere of the Sun is called the Corona and is only visible during solar eclipses.)

Fun Facts

- The Sun doesn't actually move across the sky from east to west; it only appears to move across the sky because of the Earth's rotation.
- If the Sun were the size of a volleyball, the Earth would be approximately the size of a peppercorn and would orbit the volleyball at a distance of 26 yards.
- · Many famous scientists throughout history have studied the Sun, including Galileo and Copernicus.
- The Sun never changes color, but moisture and dust in the atmosphere can sometimes cause the appearance of color change.