Did you know that you live on a planet that revolves around the sun?



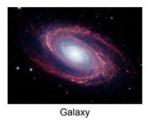
And that the sun is just one of billions of stars in the Milky Way galaxy.





The Milky Way

And the Milky Way galaxy is just one of billions of galaxies in the universe!





SAMPLE
PAGES FROM
"The Sun
Lapbook"

The Sun

The closest star to our planet is the sun. It is located in the Milky Way galaxy. The sun is considered a medium size star or a "yellow dwarf" star. The sun rotates slowly on its axis. It moves around the galaxy. The sun is made up of about 70% hydrogen and 28% helium. Its temperature on the surface is about 10,000°F. Now that's hot!

The center of the sun is extremely hot. A process allord "nuclear fusion" takes place there. Nuclear fusion is a process, where atoms are joined and tremendous amounts of energy are released from them. Some of this energy travels out into space as heat and soft, and some travels down to Earth. If you use a telescope to observe the surface of the sun, you can see something that looks like black speeds. These are known as "sunspots." However, they are not spots at all. They are storms taking place on the surface of the sun. Large explasions, called "solar flares, send fast shooting particles from the sun down to the earth. When they make contact the earth, they cause a glow can earn aurora.







Solar Flare