The Sun

About the Sun

	object in the solar system
	and
% of all mas	s in the solar system.
The Sun's mass	controls
	•
Density is similar	to Jupiter.
The Sun's interior is ionized gas:	
The outer layers enough to be place	are partially ionized, but not hot

Structure of the Sun

Which layer do we see?
Under what conditions can we see the Sun's corona?
Why is it hard for us to see?

The Sun's Outermost Layers: Atmosphere

The Sun's atmosphere has three layers. List them in order from outer to inner:

Outermost: ______
Middle: _____
Innermost:

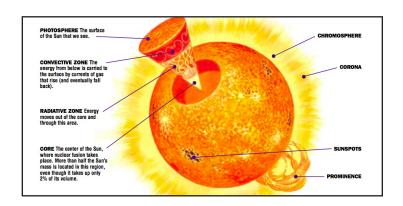






All images: NASA

The Sun contains 90% of ALL MASS in the solar system!



The Sun's Interior

The Sun's energy is produced in the	
Energy moves through the interior in two ways:	
Radiative Zone: Convective Zone:	

Draw cartoons illustrating the two types of energy transfer.

Ms. Heberling - Earth Science
Name:
Block:

Where Does The Sun's Energy Come From?

Match Features And Photos and Describe Them:

Solar Wind:

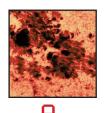
Sunspots:

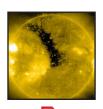
Coronal Holes:

Solar Flares:

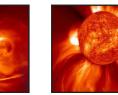
Solar Storms:

Prominence:















North Anna Nuclear Power Station / Photo: Dominion Power

