## Solar Flares Cornell Notes

Directions: As you read the essay on Solar Flares, find answers to the questions on the left hand column. Write your answers to these questions on the right hand column. When you are finished, write a five sentence summary about the main ideas you learned in your reading.

Name:	
Class:	
Period/Block:	
Date:	

learned in your reading.	
	Solar Flares
What is a solar flare?	
When do solar flares occur?	
What are coronal mass ejections?	
How do sunspots give sci-	
entists clues about the Sun's magnetic field and the cause of	
solar flares?	
What causes the sunspots to	
drift on the surface of th Sun?	
	Follow the Energy
Define energy, kinetic energy,	
and potential energy.	
List the basic forms of energy.	
Summary, Refle	ection, Analysis

Summary, Reflection, Analysis

What units of measurement	
are used to represent energu?	
What type of energy is being	
represented on food labels?	
What does your body do with	
the potential energy?	
1 07	
	Tracing the Energy of a Solar Flare
What form is the energy re-	Tracing the Energy of a Solai Flare
leased from solar flares?	
leased from solar mares.	
D 7 1 1 1	
Describe how thermal energy	
is produced in solar flares.	
How are large electrical cur-	
rents created in the convection zone of the Sun?	
zone of the sunr	
Describe nuclear fusion.	
Why is the core of teh Sun	
sodense and hot?	
Summary, Refle	ection Analysis
Summary, Rene	Ction, Miarysis