

## Unit 3 – The Very Important Sun and Its Energy

Day	Lab or Activity	Student worksheet	Lecture Class notes	AV presentation	Follow-up	Homework	Assessment
1	3.1 What Do We Know About Sun and Light			Video: Discovering Space: Sun			
2	3.2 What Does an Astronomer Do?	3.2 Illustration					Journal Page 3.2
3	3.3 Sources of Light	3.3 Lab Report			Biography Read Aloud		
4	3.4 Light Travels in a Straight Line	3.4 Lab Report					
5	3.5 Light Passes Through	3.5 Lab Report					
6	3.6 The Sun is a Star	3.6 Student Journal Page	The Sun				Journal Page 3.6
7	3.7 Light, Heat and Energy from the Sun and how we need them		Energy	Video: Getting to Know Energy	Pictures of Ways we use the sun's energy		
8	3.8 The Sun's Energy: Light and Shade	3.8 Lab Report			Books about the Sun		
9-10	3.9 The Food Chain Passes the Sun's Energy to Us						Paragraph about the ways we use the sun's energy

### Unit 3 – The Very Important Sun and Its Energy Pacing Guide

Day	Lab or Activity	Student worksheet	Lecture Class notes	AV presentation	Follow-up	Homework	Assessment
11	3.10 The Sun is the Center of the Solar System		The Solar System		Planet Books		
12	3.11 The Earth Moves Around the Sun	3.11 The Earth and the Sun			Model of Sun and Planets		
13-14	3.12 Why We Have Day, Night and Seasons	3.12 Day and Night					Day, Night and Season Drawings with Labels and Sentences
15	3.13 Sunrise and Sunset	3.13 Sunrise/Sunset Table			Homework Review	Sunrise and Sunset Times	
16	3.14 Winter Solstice: Literature Connection				Myths of the Past		
17-22	3.15 What Else is in the Sky?		Planets and Moons	The Solar System: A First Look			Research Project on a Planet or Moon
23	3.16 Wind Energy: The Pinwheel						
24	3.17 Design Home Energy Systems						Energy System Designs
25							3.18 Written Assessment: Why We Can't Survive Without the Sun