

Science, Fusion Pacing Guide

September

Unit 10: Simple and Compound Machines

- L1: What are simple Machines
about a week
- L2: What are some other simple machines
about a week
- L3: How do simple machines work
about a week

October

Bones and Muscles

- Purpose of Bones
- Names of Bones
- Involuntary and voluntary muscles
- Healthy life style

January

Unit 9: Matter

- L1: What are some physical properties
 - What is Mass
 - What is Volume
 - Hot and Cold
- L2: What are the states of Matter
 - State of Matter
 - Hot and Cold
- L3: What physical properties can we observe
 - Scaffolding Inquiry
- L4: What are some changes to matter
 - Physical Properties
 - Chemical Properties
 - Mixture and Solutions
- L5: What changes can we observe
 - Scaffolding Inquiry

March

Solar System

- Phases of the Moon
- Earth's Rotation
- What causes Seasons and Days
- Order of the Planets
- Planet Project

May

Unit 3 and 4: Plants, Animals and Ecosystems

- 3L1: What are some plant life cycles
 - The Cycle of a plant's life
 - More and more Spores
- 3L2: What are some animal life cycles
 - Life Cycles
 - Frog and Insect Life Cycles
- 3L3: How do living things change
 - Scaffolding Inquiry

- 3L4: What are structural adaptations
 - Staying Alive and Safe
 - Plant Facts
- 3L5: How can we model a physical adaptation
 - Scaffolding Inquiry
- 3L6: What are behavioral adaptations
 - Finding Shelter and Food
 - Hibernation
 - Migration
- 4L1: What are Ecosystems
 - Communities and Populations
 - Living on land and in Water
- 4L2: What's an Ecosystem
 - Scaffolding Inquiry