**1st Grade Core Knowledge**

**Science**

**Human Body**

**Summary:** In this domain, students will learn that the human body is made up of systems that work together to keep us alive. They will know the basic parts and purpose of the skeletal, muscular, digestive, circulatory, and nervous systems. They will learn healthy habits of how to take care of your body. They will learn the discoveries of Louis Pasteur and Edward Jenner.

**The Big Idea:** The human body consists of a network of systems that perform specific functions to keep you healthy and alive.

**Colorado State Standards:**

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| 1.2.1.d. Interpret information represented in pictures, illustrations, and simple charts  5.2.2.c. Assess further scientific explanations regarding basic human body system functions  5.2.2.d. Create and evaluate models of human body systems and organs |
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**Common Core Standards**:

**RL1.1** Ask and answer questions about key details in a text.

**RL1.7** Use illustrations and details in a story to describe its characters, setting, or events.

**RL1.10** With prompting and support, read prose and poetry of appropriate complexity for grade 1.

**RI1.5** Know and use various text features (e.g., heading, tables of contents, glossaries, electronic menus, icons) to locate key facts or information in a text.

**RI1.6** Distinguish between information provided by pictures or other illustrations and information provided

by the words in a text.

**RI1.7** Use illustrations and details in a text to describe its key ideas.

**RI1.10** With prompting and support, read informational texts appropriately complex for grade 1.

**Core Knowledge Unit:**

1. Body Systems
   1. Skeletal system: skeleton, bones, skull
   2. Muscular system: muscles
   3. Digestive system: mouth, stomach
   4. Circulatory system: heart and blood
   5. Nervous system: brain, nerves
2. Germs, Diseases, and Preventing illness
   1. Taking care of your body: exercise, cleanliness, healthy foods, rest
   2. Vaccinations

**Core Knowledge Language Arts:**

1. Listening and Speaking

A. Comprehension and Discussion of Read-Alouds

* Describe illustrations.
* Generate questions and seek information from multiple sources to answer questions.

1. Reading

B. Reading Comprehension – All Texts

* Answer questions requiring literal recall and understanding of the details and/or facts (i.e., who, what, where, when, etc.) about a text that has been read independently.
* Prior to reading, identify what they know and have learned that may be related to the specific story or topic to be read.

**Next Unit:** Matter

**What Students will Learn in Future Grades:**

Second Grade

* Cells
* Digestive and Excretory Systems
* Healthy diet

Third Grade

* Muscular System
* Skeletal System
* Nervous System
* Vision: How the eye works
* Hearing: How the ear works

Fourth Grade

* Circulatory System
* Respiratory System

Fifth Grade

* Changes in Adolescence
* Endocrine System
* Reproductive System

**Cross Curricular Links:**

* Saying and Phrases- An apple a day keeps the doctor away

**Additional Resources:**

For teachers and students:

* *Kids Discover Magazines,* published by Kids Discover