



SYNERGISTIC SYSTEMS

A DIVISION OF PITSCO, INC.

PARENT BRIEFING

Module

Body Systems

- Explore the structure and function of the 11 body systems.
- Complete activities for the digestive system, circulatory system, respiratory system, nervous system, and skeletal system.
- Learn that homeostasis is the maintenance of a balance of all body systems.

Session Focus

- 1 Overview of Body Systems, Levels of Organization
- 2 Digestive System, Digestion, Absorption
- 3 Circulatory System, Lymphatic System
- 4 Respiratory System, Integumentary System
- 5 Nervous System, Endocrine System
- 6 Skeletal System, Muscular System
- 7 Reproductive, Excretory Systems, Homeostasis

Dear Parent,

As parents and teachers, we realize it can be hard to get a child to discuss what he or she is learning in school. We hope the information provided on this page will assist you in communicating with your child about what he or she is learning.

For the next few days, your child will be learning about the digestive, skeletal, nervous, respiratory, muscular, and circulatory systems by completing the Body Systems module. As your child's best teacher, your participation in the learning process is extremely important.

Words students will learn in this module include:

- ligament
- vertebra
- lymph vessel
- artery
- homeostasis
- cutaneous membrane
- pancreas
- marrow
- cerebrum
- ovary
- cellular respiration
- anatomical position

Questions for discussion

During the course of this module, your child will be assessed on key concepts and activities. You might want to discuss these concepts with your child.

He or she will be asked to:

- Give an example of an involuntary muscle. *(Answers vary but might include heart, intestinal muscles, or any muscle that is not consciously controlled.)*
- Explain why capillaries are important to the circulatory system. *(Nutrients from the blood are passed through the capillary membrane into surrounding tissues while waste products are passed back into the bloodstream for disposal.)*
- Explain the importance of respiration. *(It brings in oxygen, which body cells need to break chemical bonds in food and release its stored energy. It also releases water and carbon dioxide as waste products.)*



Instructor: _____