



5th Grade Body Systems Unit

Consolidated Unit Benchmarks Grouped by Report Card Descriptor

Benchmarks that align with “Understands science concepts” report card descriptor.

- Like other animals, human beings have systems for digestion, respiration, circulation, movement, control and coordination. The systems interact with one another.
- Understand that animals have parts well suited to the places they live in and to their needs.
- From food, people obtain energy and materials for body repair and growth. The indigestible parts of food are eliminated.
- For the body to use food for energy and building materials, the food must first be digested into molecules that are absorbed and transported to cells.
- Lungs take in oxygen and eliminate the carbon dioxide. The digestive system breaks down food. The circulatory system moves all these substances to or from cells where they are needed or produced, responding to changing demands.

Benchmarks that align with “Effectively uses science process skills” report card descriptor.

- Keep a notebook that describes observations made, carefully distinguishes actual observations from ideas and speculations about what was observed, and is understandable weeks or months later.
- Able to identify strengths and limitations of a model.
- Offer reasons for their findings and consider reasons suggested by others.
- Use numerical data in describing and comparing objects and events.
- Make sketches to aid in [describing observations and] explaining procedures or ideas.

Benchmarks that align with “Actively contributes to one’s own learning and the learning of others in the science classroom” report card descriptor. The list of behaviors is a sample for this category.

- Willing to share reasons for findings and consider reasons suggested by others.
- Shares and takes turn in teams.
- Listens when others talk.
- Asks questions to help understand someone else’s ideas.
- Willing to discuss multiple ideas before selecting one.
- Refrains from putting-down classmates.
- Works collaboratively and responsibly with team members.