The human body is made up of systems that work together to perform necessary functions.

**Key Concepts**

**SECTION 1**

The human body is complex.
Learn about the parts and systems in the human body.

**SECTION 2**

The skeletal system provides support and protection.
Learn how the skeletal system is organized and what it does.

**SECTION 3**

The muscular system makes movement possible.
Learn about the different types of muscles and how they work.

**What systems make it possible for this racer to move so fast?**

**FCAT Practice**

Prepare and practice for the FCAT
- Section Reviews, pp. 574, 582, 589
- Chapter Review, pp. 592-594
- FCAT Practice, p. 595

CLASSZONE.COM
- Florida Review: Content Review and FCAT Practice
How Many Bones Are in Your Hand?

Use a pencil to trace an outline of your hand on a piece of paper. Feel the bones in your fingers and the palm of your hand. At points where you can bend your fingers and hand, draw a circle. Each circle represents a joint where two bones meet. Draw lines to represent the bones in your hand.

**Observe and Think** How many bones did you find? How many joints?

How Does It Move?

The bones in your body are hard and stiff, yet they move smoothly. The point where two bones meet and move is called a joint. There are probably many objects in your home that have hard parts that move against each other: a joystick, a hinge, a pair of scissors.

**Observe and Think** What types of movement are possible when two hard objects are attached to each other? What parts of your body produce similar movements?

Internet Activity: The Human Body

Go to ClassZone.com to explore the different systems in the human body.

**Observe and Think** How are the systems in the middle of the body different from those that extend to the outer parts of the body?
CONCEPT REVIEW
- The cell is the basic unit of living things.
- Systems are made up of interacting parts that share matter and energy.
- In multicellular organisms cells work together to support life.

VOCABULARY REVIEW
See Glossary for definitions.
- cell
- system

TAKING NOTES

MAIN IDEA WEB
Write each new blue heading in a box. Then write notes in boxes around the center box that give important terms and details about that blue heading.

VOCABULARY STRATEGY
Write each new vocabulary term in the center of a four square diagram. Write notes in the squares around each term. Include a definition, some features, and some examples of the term. If possible, write some things that are not examples of the term.

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