Human Body

No Bones About It: Designing Knee Braces

TEACHER RESOURCES

Knee Injuries

The KidsHealth website provides an overview of the structure of the knee. The article also details several types of knee injuries, their diagnosis, and their treatment.


Children and Knee Problems

The website from the American Academy of Orthopaedic Surgeons provides detailed information about knee problems, including articles focusing on knee injuries in children.

http://www.saveyourknees.org/kneeproblems/children.cfm

Bodyology Resources

The Slim Goodbody website offers many resources to teach about the human body, including links to games and interactives.

http://www.slimgoodbody.com/teacher_resources/bodyology/muscular--skeletal-system/

Skeletal System and Muscular System

This video presentation from Education Portal provides an overview of the skeletal and muscular systems for adults.


VIDEOS FOR STUDENTS

Bill Nye the Science Guy: Joints

Bill Nye the Science Guy talks about joints and their motion. In this video clip, he compares joints to machines and other objects that move in similar ways to various joints. (2:18)


Bones Investigation

This video clip demonstrates why joints are important by showing what happens when joints are not allowed to move. Can you still put on a hat? Walk around the room? Requires free registration with PBS LearningMedia™

http://www.pbslearningmedia.org/resource/9c780111-1951-4ea3-a060-247be10a3c1b/9c780111-1951-4ea3-a060-247be10a3c1b/

STUDENT RESOURCES

Learn the Skeletal System

The ABCya website contains two interactives to help students visualize and remember the names of parts of the skeletal system. In one game, students assemble a human skeleton from parts; in another, students are asked to label the bones that make up the skeletal system.

http://www.abcya.com/skeletal_system.htm

Want to suggest other resources for the unit? Write to eie@mos.org. For science and literacy resources that support other EiE units, visit eie.org.