



Cells and Tissues Lessons

Websites

The Human Body (General)

[Human Anatomy Online](#)

This site provides information on several body systems and includes images, animations, and descriptions.

(<http://www.innerbody.com/htm/body.html>)

[Kid Info: Reference Resources](#)

This exceptional site for teachers and students contains links to excellent websites about the human body.

(http://www.kidinfo.com/Health/Human_Body.html)

Cells

[Cells Alive](#)

This site helps students understand the relative size of cells. It also contains excellent, full color photographs of cells.

(<http://www.cellsalive.com/howbig.htm>)

[Featured Microscopist Digital Image Gallery](#)

This site offers a glimpse into the world of a featured microscopist, providing an interview and details about their day to day research, as well as a stunning gallery of their work.

(<http://micro.magnet.fsu.edu/featuredmicroscopist/index.html>)

[Microscope Image Galleries](#)

These excellent sites feature an extensive collection of cell and tissue images that could be displayed in the Science Center.

(<http://www.pbrc.hawaii.edu/bemf/microangela/morepart.htm>)

[Virtual Scanning Electron Microscopy](#)

This site allows students to manipulate a virtual scanning electron microscope by altering magnification, focus, brightness, and contrast.

(<http://micro.magnet.fsu.edu/primer/java/electronmicroscopy/magnify1/index.html>)



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Books

The Human Body

Discovery: Bodyworks

By Dr. Nick Graham and Richard Walker. (2000, Silver Dolphin)

This 48-page book captures the interest of young students with color photographs, pull tabs, and flaps as it introduces them to the complex functions of the human body.

Encyclopedia of the Human Body

By Richard Walker. (2002, DK Children)

Almost 900 clearly labeled and captioned full-color illustrations, photographs, models, diagrams, and electron micrographs are included in this book. It is divided into five sections: "Working Parts," "Moving Framework," "Control and Sensation," "Supply and Maintenance," and "New Generations."

Eyewitness: Human Body (Eyewitness Books)

By Steve Parker. (1999, DK Children)

This book provides overviews of the major systems of the human body and includes simple activities that children can do on their own. Conversational in tone, it features two-page spreads with good quality full-color photographs and informative captions.

The Human Body

By Lawrence Lorimer. (1999, Reader's Digest Children's Publishing)

This age-appropriate book provides a fascinating see-through view of how the human body works. With the help of intricately painted windows, students uncover the structures and systems of the human body, layer by layer, as each page is turned.



Cells

Cells Are Us

By Frances R. Balkwill, Mic Rolph, and Fran Balkwill. (1994, Carolrhoda Books)

This informative yet humorous book explains the functions of various cells in the human body.

Cells (Science Concepts)

By Alvin Silverstein, Virginia B. Silverstein, and Laura Silverstein Nunn. (2009, 21st Century Books)

A comprehensive introduction to all things cellular, this book is an ideal reference for students interested in learning more.

Enjoy Your Cells

By Frances R. Balkwill, Mic Rolph, and Fran Balkwill. (2001, Cold Spring Harbor Laboratory)

This book makes children's introduction to the many types of cells in the human body fun.

Hidden Beauty: Microworlds Revealed

France Bourély. (2002, Harry N. Abrams)

By This book contains a beautiful and wide-ranging collection of scanning electron microscopic images from France Bourély's research into these realms.

Hidden Worlds: Looking through a Scientist's Microscope

By Stephen Kramer. (2003, Sandpiper)

These extraordinary images of the microscopic world, including some of human cells, provide a glimpse into the work of microscopists.