



Supporting Active Muscle Cells Lessons

Websites

The Human Body (General)

[Human Anatomy Online](http://www.innerbody.com/htm/body.html)

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

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

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

The Circulatory System

[All about the Heart](http://kidshealth.org/kid/body/heart_SW.html)

This site, geared for children, provides information about the heart, blood, and blood vessels.

(http://kidshealth.org/kid/body/heart_SW.html)

[Nova Online: Cut to the Heart](http://www.pbs.org/wgbh/nova/heart/)

This site provides information about heart anatomy, heart disease and the history of heart surgery. It also contains an animation showing how blood is pumped through the different heart chambers.

(<http://www.pbs.org/wgbh/nova/heart/>)

[The Heart: An Online Exploration](http://sln.fi.edu/biosci/heart.html)

This site designed by the Franklin Institute in Philadelphia for teachers and students details information about the heart, blood, blood vessels, and heart science history. Contains enrichment activities and resources for teachers.

(<http://sln.fi.edu/biosci/heart.html>)



The Respiratory System

Lung Pictures

This website contains pictures of healthy and diseased lungs that could be used in the Science Center.

(<http://www.presmark.com/htmlfile/pictures.htm>)

Pulmonary Pathology Index

This incredible site contains numerous, exceptional photographs of the lungs that could be used in the Science Center.

(<http://www-medlib.med.utah.edu/WebPath/LUNGHTML/LUNGIDX.html>)

The Topic: Respiratory System

Provides basic information about the respiratory system and links to dozens of sites such as the American Lung Association, the Canadian Lung Association, teacher resource pages, and kid friendly web pages.

(<http://www.42explore.com/respsyst.htm>)



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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.



The Circulatory, Respiratory, and Digestive Systems

Asthma (My Health)

By Alvin Silverstein, Virginia B. Silverstein, and Laura Silverstein Nunn. (2003, Franklin Watts)

This informative book traces the history of asthma, its treatments, and theories about its causes. Photographs and diagrams enhance the text.

Food Rules! The Stuff You Munch, Its Crunch, Its Punch, and Why You Sometimes Lose Your Lunch

By Bill Haduch and Rick Stromoski. (2001, Puffin)

This hilarious and well-researched children's book on nutrition contains off-beat facts and wacky humor that not only entertains but also provides important health information.

The Circulatory System (True Book Series)

By Darlene R. Stille, Linda Cornwell, and Ronald W. Schwizer. (1998, Children's Press)

This book describes the parts of the human circulatory system and explains how and why blood is circulated throughout the body.

The Heart

By Seymour Simon. (2006, Collins)

Easy-to-read text is combined with beautiful illustrations to give children a detailed look at how the heart and circulatory system function.

The Race Against Junk Food

By Anthony Buono and Roy Nemerson. (1997, HCom)

Using fruits and vegetables as the main characters, this book is a colorful guide toward good nutrition for all ages.

Respiratory System (True Book Series)

By Darlene R. Stille and Patricia J. Murphy. (1998, Children's Press)

This book describes the parts of the human respiratory system and explains how it brings fresh oxygen into the body and carries carbon dioxide to the lungs to be expelled.



Taking Asthma to School

By Kim Gosselin; illustrated by Moss Freedman. (1998, Jayjo Books)

This color, illustrated children's book describes what it is like to have asthma, what happens during an asthma attack, and how asthma can be treated and controlled.

Taking Cystic Fibrosis to School

By Cynthia S. Henry; illustrated by Tom Dineen. (2000, Jayjo Books)

This age-appropriate book educates the reader about cystic fibrosis and assists children in dealing with classmates or friends who may have cystic fibrosis.

What Happens to a Hamburger?

By Paul Showers. (2001, Collins)

This illustrated book takes the reader on a journey through the human digestive system into the mouth, down the gullet, into the stomach, and finally into the small and large intestines.

DVDs

Digestion (Bill Nye the Science Guy Series: Classroom Edition)

(Disney Educational Productions, 1993)

Bill Nye explains how the body's digestive system is like a fine-tuned machine that turns food into energy.

Respiration (Bill Nye the Science Guy Series: Classroom Edition)

(Disney Educational Productions, 2003)

In this video, Bill Nye explains the importance of the respiratory system as he jogs, bikes, swims, and scuba dives.