

Dear Parent,

Your son's or daughter's science class will soon begin exploring the chapter entitled "Circulation and Respiration." In this chapter, students will learn about the circulatory, lymphatic, and respiratory systems of the human body. By the end of the chapter, students should demonstrate a clear understanding of the chapter's main ideas and be able to discuss the following topics:

1. the functions of the cardiovascular system (Section 1)
2. the three different types of blood vessels (Section 1)
3. the path that blood travels as it circulates through the body (Section 1)
4. the different blood types (Section 2)
5. the functions of the lymphatic system (Section 3)
6. the relationship between lymph and blood (Section 3)
7. the organs of the lymphatic system (Section 3)
8. the flow of air through the respiratory system (Section 4)
9. the relationship between the respiratory system and the circulatory system (Section 4)
10. some respiratory disorders (Section 4)

Questions to Ask Along the Way

You can help your child learn about these topics by asking interesting questions as he or she progresses through the chapter. For example, you may wish to ask your son or daughter the following questions:

- Why is blood red?
- Why do people have different blood types?
- What is lymph?
- Why does the body need oxygen?

The Internet at Home

If you have Internet service at home, you and your child can access information related to the chapter entitled “Circulation and Respiration.” The following resources are available for your use.

sciLINKS: At www.scilinks.org you will find links to Web sites that have been selected by the staff at the National Science Teachers Association (NSTA). The staff at NSTA regularly scans the Internet to find sites that are current, engaging, and appropriate for middle school students. Check out the latest links by typing in the *sciLINKS* numbers listed below.

GO TO: www.scilinks.org

TOPIC: The Cardiovascular System	sciLINKS NUMBER: HSM0221
TOPIC: Cardiovascular Problems	sciLINKS NUMBER: HSM0220
TOPIC: Blood	sciLINKS NUMBER: HSM0175
TOPIC: Blood Donations	sciLINKS NUMBER: HSM0178
TOPIC: The Lymphatic System	sciLINKS NUMBER: HSM0891
TOPIC: The Respiratory System	sciLINKS NUMBER: HSM1307
TOPIC: Respiratory Disorders	sciLINKS NUMBER: HSM1306

go.hrw.com: The resources at this Web site come to you directly from the publisher of your child’s textbook. Here you will find resources to help your son or daughter better understand the chapter entitled “Circulation and Respiration.” For example, *Science Puzzlers, Twisters & Teasers* worksheets use the chapter’s vocabulary terms and concepts as a basis for lighthearted yet challenging science fun. For help in generating ideas for science projects, you may refer to *Long-Term Projects & Research Ideas*. You can also turn to the Resources for Parents section of the *Science Fair Guide* for information on planning, preparing, and presenting a science fair project. You can access these materials and other information by entering the keyword below.

GO TO: go.hrw.com

KEYWORD: HL5BD2

Thank you for your time and interest. Your participation in your child's education is a sure way to encourage learning!

Sincerely,