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Introduction

America's Blood Centers and the Foundation for America's Blood Centers are committed to increasing public awareness about the need for blood donation to help ensure that all Americans have access to a safe and adequate blood supply. The creation of *My Blood, Your Blood* underscores this commitment. While fostering altruism and community spirit, this Teacher's Guide and the entire *My Blood, Your Blood* curriculum provide up-to-date information and creative strategies to help teach the science of blood. Developed by a team of physicians and educators, *My Blood, Your Blood* is designed to be a turnkey education program easily adapted to a variety of learning levels. America's Blood Centers hopes you and your students enjoy the learning activities. We encourage you to visit the *My Blood, Your Blood* Web site at www.MyBloodYourBlood.org.

Our *My Blood, Your Blood Guide* follows current National Science Education Standards:

The National Science Education Standards, developed by the National Research Council and the National Academy of Sciences, are criteria for the development of curricula to increase science literacy of all students.

The *My Blood, Your Blood Video* and *Teacher's Guide* can assist educators in designing science lessons that will aid student understanding in the following content areas established by the National Science Education Standards:

Life Sciences:

- Structure and Function in Living Organisms (Level 5-8)
- The Cell and Matter, Energy, and Organization in Living Systems (Level 9-12)

Science in Personal and Social Perspectives:

- Personal Health (Level K-8)
- Personal and Community Health (Level 9-12)
- Science and Technology in Local Challenges and Society (Level K-12)