

# Human Biology and the National Science Education Standards

*Human Biology* is a complete life science curriculum. Units may be used individually or in groups to enhance or replace life science content in your current textbook. The following table provides a summary of the National Science Education Content Standards and the *Human Biology* units that cover each of those standards through the text, activities, and research projects they contain.

National Science Education Standards	<i>digestion and nutrition</i>	<i>lives of cells</i>	<i>circulation</i>	<i>nervous system</i>	<i>genetics</i>	<i>breathing</i>	<i>reproduction</i>	<i>your changing body</i>	<i>sexuality</i>	<i>ecology</i>
<b>Science As Inquiry Standards: Grades 5–8</b>										
Abilities necessary to do scientific inquiry	•	•	•	•	•	•	•			•
Understandings about scientific inquiry	•	•	•	•	•	•	•			•
<b>Life Science Content Standards: Grades 5–8</b>										
Structure and Function in Living Systems	•	•	•	•	•	•	•			•
Reproduction and Heredity		•			•		•	•		
Regulation and Behavior	•	•	•	•	•	•	•	•	•	•
Populations and Ecosystems										•
Diversity and Adaptations of Organisms					•					•
<b>Science and Technology Content Standards: Grades 5–8</b>										
Understandings about Science and Technology		•	•	•	•	•				
<b>Science in Personal and Social Perspectives Content Standards: Grades 5–8</b>										
Personal Health	•	•	•	•	•	•	•			•
Populations, Resources, and Environments										•
Natural Hazards										•
Risk and Benefits										•
Science and Technology in Society	•	•	•	•	•	•	•			•
<b>History and Nature of Science Content Standards: Grades 5–8</b>										
Science as a Human Endeavor	•	•	•	•	•	•	•	•		•
Nature of Science	•	•	•	•	•	•	•			•