



# National Science Education Standards, Grades 5-8

	INVADERS			ONE DEGREE FACTOR			PREDATORS				TROUBLED WATERS			
	America's Most Wanted	Drawing Conclusions	Decisions!, Decisions!	Sources of Carbon Dioxide	The Carbon Dioxide Game	Car Quest	Speak Your Mind	Aquatic Connections	Fishing for the Future	Sharks in Decline	Wonderful Watershed	Grab a Gram	The F-Files	Stream Monitoring
<b>Unifying Concepts and Processes</b>														
Systems, order, and organizations		✓			✓			✓			✓			
Evidence, models, and explanation								✓		✓	✓		✓	
Constancy, change, and measurement					✓							✓	✓	✓
Evolution and equilibrium		✓											✓	
Form and function						✓				✓				
<b>Standard A: Science as Inquiry</b>														
Abilities necessary to do scientific inquiry				✓		✓		✓		✓		✓	✓	✓
Understandings about scientific inquiry						✓				✓		✓	✓	
<b>Standard B: Physical Science</b>														
Properties and changes of properties in matter				✓										✓
Motion and forces														
Transfer of energy					✓									
<b>Standard C: Life Science</b>														
Structure and function in living systems		✓											✓	
Reproduction and heredity										✓			✓	
Regulation and behavior	✓	✓					✓	✓					✓	✓
Populations and ecosystems	✓	✓					✓	✓	✓				✓	✓
Diversity and adaptations of organisms	✓	✓					✓			✓			✓	

Continued...

National Science Education Standards, continued...

	INVADERS			ONE DEGREE FACTOR			PREDATORS				TROUBLED WATERS			
	America's Most Wanted	Drawing Conclusions	Decisions!, Decisions!	Sources of Carbon Dioxide	The Carbon Dioxide Game	Car Quest	Speak Your Mind	Aquatic Connections	Fishing for the Future	Sharks in Decline	Wonderful Watershed	Grab a Gram	The F-Files	Stream Monitoring
<b>Standard D: Earth and Space Science</b>														
Structure of the earth system					✓						✓		✓	✓
Earth's history														
Earth in the solar system														
<b>Standard E: Science &amp; Technology</b>														
Abilities of technology design						✓								
Understandings about science and technology					✓	✓								
<b>Standard F: Science in Personal and Social Perspectives</b>														
Personal health											✓			
Populations, resources, and environments	✓	✓		✓			✓	✓	✓	✓	✓	✓	✓	✓
Natural hazards											✓		✓	
Risks and benefits		✓	✓				✓				✓		✓	✓
Science and technology in society					✓	✓			✓				✓	
<b>Standard G: History and Nature of Sciences</b>														
Science as a human endeavor													✓	
Nature of Science													✓	
History of Science														