Food Safety First

3/3/2004

National Science Education Standards

Middle School

	Bacteria Are Everywhere										Food Handling is a Risky Business									
	Safe Barbecue	The Big Picture	What's Wrong with this Picture	Lab Safety	Find the Bacteria	Bacteria Are Everywhere	The 12 Most Unwanted	Lab Techniques	Don't Cross Me	Science Careers	Lab Safety	Lab Techniques	Hands Off, Bacteria	Food Safety Challenge	Science of Cooking a Hamburg	Retail and Home	The Right Stuff	4 C's	Hand washing	Chill
Unifying Concepts and Processes																				
* Systems, order, and organization				•	•	•	•	•			•	•	•		•	•	•	•	•	
* Evidence, models, and explanation		•		•	•	•	•		•		•		•		•	•		•		•
* Change, constancy, and measurement		•				•	•		•				•		•	•	•			
* Evolution and equilibrium						•	•												•	
* Form and function						•	•						•			•	•			
Science as Inquiry																				
* Abilities necessary to do scientific inquiry					•	•	•						•		•	•	•			
* Understandings about scientific inquiry					•	•	•	•	•			•	•		•	•	•			•
Physical Science																				
* Properties and changes of properties in matter													•		•					
* Motions and forces																				
* Transfer of energy																				
Life Science																				
* Structure and function in living systems																	•			
* Reproduction and heredity							•										•			
* Regulation and behavior						•	•										•			
* Populations and ecosystems							•										•	•		•
* Diversity and adaptations of organisms					•	•	•										•	•	•	•
Science and Technology																				
* Abilities of technological design						•	•						•		•	•				
* Understandings about science and technology						•	•	•				•	•		•	•				
Science in Personal and Social perspectives																				
* Personal health	•	•	•	•	•	•	•		•		•		•		•	•	•	•	•	•
* Populations, resources, and environments						•	•										•	•		
* Natural hazards	•	•				•	•		•				•		•	•	•	•	•	•
* Risks and benefits		•				•	•						•		•	•	•	•	•	•
* Science and technology in society		•				•	•			•			•		•	•	•	•	•	
History and Nature of Science																				
* Science as a human endeavor		•			•	•	•			•			•		•	•				
* Nature of science		•			•	•	•						•		•	•	•	•		
* History of science						•	•													