

**NYSAA Test Blueprint - Science  
Effective with 2006-07 Administration**

<b>REQUIRED COMPONENT</b>			
<b>Two Standards must be Assessed at each Grade Level as Marked by an X in the Chart Below.</b>			
<b>Science Standards</b>	<b>Grade 4</b>	<b>Grade 8</b>	<b>High School</b>
1 - Scientific Inquiry	X	X	
4 - Living Environment	X	X	X
4 - Physical Setting/ Earth Science			X

<b>CHOICE COMPONENT</b>				
<b>For Each Required Standard, There are Two Possible Key Ideas From Which to Draw Key Ideas Vary by Grade as Marked by an X in the Chart Below</b>				
<b>Choose 1 Key Idea for each Standard from Key Ideas Marked with an X</b>				
<b>Standards</b>	<b>Key Idea</b>	<b>Grade 4</b>	<b>Grade 8</b>	<b>High School*</b>
1 - Scientific Inquiry	1- Develop explanations of natural phenomena	X		
	2- Testing proposed explanations	X	X	
	3- Observations made while testing		X	
4- Living Environment	1- Similarities/differences between living and nonliving things.			X
	3- Changes in organisms over time	X		
	5- Dynamic equilibrium		X	
	7- Human decisions/activities impact			X
4- Physical Setting/ Earth Science	1- Relative motion and perspective			X
	2- Interactions among components of air, water and land	X		X
	3- Particle properties determine observable characteristics of matter and its reactivity		X	

\*Note: at the high school level, choices are made within one Standard, i.e., Standard 4. One choice is drawn from the two designated within the Living Environment section of the curriculum and the other choice is drawn from the two designated within the Physical Setting/Earth Science section of the curriculum. See the Core Curricula for Science at <http://www.emsc.nysed.gov/ciai/cores.htm#science>.