

Eighth Grade State Achievement Tests

Item Distribution Across Standards

Science

Points assigned to each standard and benchmark

STANDARD/Benchmarks		Practice Test	May 2007	
EARTH & SPACE SCIENCE		7	13	
Motions/positions in universe- cyclic events	A	4 E	3	
Universe composition & equipment to study	B	0	2	
Interactions of matter/energy	C	0	6	E
Rocks and minerals	D	2	2	
Changes in the earth's surface	E	1		
PHYSICAL SCIENCE		5	9	
Relate uses, properties etc, compose matter	A	1	5	S
Force and motion	B	2 S	1	
Renewable-nonrenewable resources	C	0	2	
Energy types/ transformations	D	2	1	
LIFE SCIENCE		4	13	
Cells	A	1	4	
Characteristics of organisms, reproduction	B	1	4	
Energy, ecosystems	C	1	4	S
Environmental changes, extinction	D	1	1	
SCIENTIFIC WAY OF KNOWING		3	3	
Scientific inquiry processes	A	1	2	S
Reproducibility/Reduction of bias in sc. Methods	B	1	0	
Thinking scientifically helpful in daily life	C	1	1	
SCIENCE & TECHNOLOGY		2	4	
Tech. advances influence quality of life	A	1	4	E
Design a product/solution - needs & constraints	B	1	0	
SCIENTIFIC INQUIRY		3	6	
Procedures for Sc. Investigations	A	2 S	1	
Analysis & interpretation of data	B	1	5	S
			3	
TOTAL		24	48	

"S" indicates that a 2 point short answer is included in this point total.

"E" indicates that a 4 point extended response is included in this point total.