

# Fifth Grade State Achievement Tests

## Item Distribution Across Standards

### Science

Points assigned to each standard and benchmark

STANDARD/Benchmarks		Practice Test	May 2007
<b>EARTH &amp; SPACE SCIENCE</b>		<b>5</b>	<b>13</b>
Characteristics of earth	A	2	5
Processes that shape the earth surface	B	2 S	5 E
Earth resources/conservation	C	0	2
Weather	D	1	1
<b>PHYSICAL SCIENCE</b>		<b>5</b>	<b>11</b>
Physical and chemical change	A	1	1
Properties of matter	B	1	2
Force and motion	C	0	2
Changes in temperature/ thermal energy	D	2	1
Electrical/ thermal energy	E	1	1
Light and sound energy	F	0	4 S
<b>LIFE SCIENCE</b>		<b>6</b>	<b>10</b>
Life cycles of plants and animals	A	1	3
Plant and animals-structures, funct development	B	5 E	1
Energy through biological and ecological systems	D	0	6 S

"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.

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<b>SCIENTIFIC WAY OF KNOWING</b>		<b>2</b>	<b>4</b>
Fact and opinion; exp. How ideas change	A	0	2
Investigation to support conclusions	B	1	0
Importance of accurate record keeping	C	1	2 S
Careers in science	D	0	0
<b>SCIENCE &amp; TECHNOLOGY</b>		<b>2</b>	<b>2</b>
Technologies effect on human life	A	1	0
Design process	B	1	2
<b>SCIENTIFIC INQUIRY</b>		<b>4</b>	<b>8</b>
Scientific tools and instruments	A	2	4 E
Using data to draw inferences and conclusions	B	0	0
Conduct and communicate scientific investigations	C	2 S	4 S
<b>TOTAL</b>		<b>24</b>	<b>48</b>

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