

The following pages include the answer key for all machine-scored items. Refer to the separate documents for all hand-scored items as indicated in the answer key.

**Section 1**

<b>Item Number</b>	<b>Answer Key</b>	<b>Performance Expectation</b>
1.	A	MS-LS1-4
2.	B, C	MS-LS1-4
3.	A	MS-LS1-5
4.	A	MS-LS1-5
5.	B	MS-LS1-5
6.	Refer to Maryland Integrated Science Assessment Rubrics	MS-LS1-4
7.	B	MS-ESS3-5
8.	A, E	MS-ESS3-5
9.	C	MS-ESS1-4

*Table continues on next page.*

## Section 1, continued

<b>Item Number</b>	<b>Answer Key</b>	<b>Performance Expectation</b>
10.	C	MS-ESS1-4
11.	B	MS-ESS1-4
12.	Refer to Maryland Integrated Science Assessment Rubrics	MS-ESS3-5

## Section 2

<b>Item Number</b>	<b>Answer Key</b>	<b>Performance Expectation</b>
1.	C	MS-ETS1-1
2.	D	MS-ETS1-1
3.	B, C	MS-ETS1-1
4.	A	MS-ETS1-1
5.	C	MS-PS4-2
6.	Refer to Maryland Integrated Science Assessment Rubrics	MS-PS4-2
7.	B	MS-LS3-2
8.	C	MS-LS3-2
9.	B	MS-LS4-4
10.	<b>Part A:</b> D <b>Part B:</b> B, C, E	MS-LS4-4
11.	A	MS-LS4-4
12.	Refer to Maryland Integrated Science Assessment Rubrics	MS-LS3-2

### Section 3

Item Number	Answer Key	Performance Expectation
1.	C	MS-ESS1-2
2.	C, D	MS-ESS1-1
3.	B	MS-ESS1-1
4.	D	MS-ESS1-2
5.	C	MS-ESS1-3
6.	Refer to Maryland Integrated Science Assessment Rubrics	MS-ESS1-3
7.	B	MS-PS2-4
8.	B	MS-PS2-1
9.	D	MS-PS2-4
10.	<b>Part A: D</b> <b>Part B: A</b>	MS-PS2-4
11.	A	MS-PS2-4
12.	Refer to Maryland Integrated Science Assessment Rubrics	MS-PS2-4

## Section 4

Item Number	Answer Key	Performance Expectation
1.	B	MS-PS1-3
2.	D	MS-PS1-3
3.	B	MS-PS1-3
4.	A	MS-PS1-5
5.	B	MS-PS1-5
6.	Refer to Maryland Integrated Science Assessment Rubrics	MS-PS1-5
7.	A	MS-LS2-3
8.	D	MS-LS2-3
9.	B	MS-LS2-3
10.	D	MS-LS2-1
11.	A	MS-LS2-2
12.	Refer to Maryland Integrated Science Assessment Rubrics	MS-LS2-1