## Science Scoring Key

1         A         IOD           2         F         IOD           3         D         IOD           4         H         IOD           5         D         EMI           6         F         EMI           7         C         EMI           8         J         IOD           9         C         EMI           10         F         EMI           11         C         EMI           12         G         EMI           12         G         EMI           13         C         EMI           14         H         SIN           15         B         SIN           16         H         SIN           17         B         SIN           19         D         SIN           19         D         SIN           20         F         EMI           21         C         SIN           22         J         IOD           23         C         SIN           24         J         IOD           25         B         IOD	Science	Correct	Correct	Reporting
2         F         IOD           3         D         IOD           4         H         IOD           5         D         EMI           6         F         EMI           7         C         EMI           8         J         IOD           9         C         EMI           10         F         EMI           11         C         EMI           12         G         EMI           12         G         EMI           13         C         EMI           14         H         SIN           15         B         SIN           16         H         SIN           17         B         SIN           18         F         SIN           19         D         SIN           19         D         SIN           20         F         EMI           21         C         SIN           22         J         IOD           23         C         SIN           24         J         IOD           25         B         IOD <th>Number</th> <th>Answer</th> <th>(Mark 1)</th> <th>Categories</th>	Number	Answer	(Mark 1)	Categories
3         D         IOD           4         H         IOD           5         D         EMI           6         F         EMI           7         C         EMI           8         J         IOD           9         C         EMI           10         F         EMI           11         C         EMI           12         G         EMI           12         G         EMI           13         C         EMI           14         H         SIN           15         B         SIN           16         H         SIN           17         B         SIN           19         D         SIN           19         D         SIN           19         D         SIN           20         F         EMI           21         C         SIN           22         J         IOD           23         C         SIN           24         J         IOD           25         B         IOD           26         J         IOD <th>1</th> <th>Α</th> <th></th> <th>IOD</th>	1	Α		IOD
4       H       IOD         5       D       EMI         6       F       EMI         7       C       EMI         8       J       IOD         9       C       EMI         10       F       EMI         11       C       EMI         11       C       EMI         12       G       EMI         12       G       EMI         13       C       EMI         14       H       SIN         15       B       SIN         16       H       SIN         17       B       SIN         19       D       SIN         19       D       SIN         20       F       EMI         21       C       SIN         22       J       IOD         23       C       SIN         24       J       IOD         25       B       IOD         26       J       IOD         27       D       IOD         28       G       IOD         29       D       Not Scored	2	F		IOD
5         D         EMI           6         F         EMI           7         C         EMI           8         J         IOD           9         C         EMI           10         F         EMI           11         C         EMI           12         G         EMI           12         G         EMI           13         C         EMI           14         H         SIN           15         B         SIN           16         H         SIN           17         B         SIN           19         D         SIN           19         D         SIN           20         F         EMI           21         C         SIN           22         J         IOD           23         C         SIN           24         J         IOD           25         B         IOD           26         J         IOD           27         D         IOD           28         G         IOD           29         D         Not Scored <th>3</th> <th>D</th> <th></th> <th>IOD</th>	3	D		IOD
6       F       EMI         7       C       EMI         8       J       IOD         9       C       EMI         10       F       EMI         11       C       EMI         12       G       EMI         13       C       EMI         14       H       SIN         15       B       SIN         16       H       SIN         17       B       SIN         18       F       SIN         19       D       SIN         20       F       EMI         21       C       SIN         22       J       IOD         23       C       SIN         24       J       IOD         25       B       IOD         26       J       IOD         27       D       IOD         28       G       IOD         29       D       Not Scored       —         30       J       Not Scored       —         31       C       Not Scored       —         34       F       Not Scored <th>4</th> <th>Н</th> <th></th> <th>IOD</th>	4	Н		IOD
7         C         EMI           8         J         IOD           9         C         EMI           10         F         EMI           11         C         EMI           12         G         EMI           12         G         EMI           12         G         EMI           13         C         EMI           14         H         SIN           15         B         SIN           16         H         SIN           17         B         SIN           18         F         SIN           19         D         SIN           20         F         EMI           21         C         SIN           22         J         IOD           23         C         SIN           24         J         IOD           25         B         IOD           26         J         IOD           27         D         IOD           28         G         IOD           29         D         Not Scored         —           30         J <th>5</th> <th>D</th> <th></th> <th>EMI</th>	5	D		EMI
8         J         IOD           9         C         EMI           10         F         EMI           11         C         EMI           12         G         EMI           13         C         EMI           14         H         SIN           15         B         SIN           16         H         SIN           17         B         SIN           18         F         SIN           20         F         EMI           21         C         SIN           20         F         EMI           21         C         SIN           22         J         IOD           23         C         SIN           24         J         IOD           25         B         IOD           26         J         IOD           27         D         IOD           28         G         IOD           29         D         Not Scored         —           30         J         Not Scored         —           31         C         Not Scored         —	6	F		EMI
9 C EMI 10 F EMI 11 C EMI 11 C EMI 12 G EMI 13 C EMI 14 H SIN 15 B SIN 16 H SIN 17 B SIN 18 F SIN 19 D SIN 20 F EMI 21 C SIN 22 J IOD 23 C SIN 24 J IOD 25 B IOD 26 J IOD 26 J IOD 27 D IOD 28 G IOD 29 D Not Scored 30 J Not Scored 31 C Not Scored 32 J Not Scored 33 D Not Scored 34 F Not Scored 35 B IOD 36 F SIN 37 B IOD 38 G IOD 38 G IOD 38 G IOD	7	С		EMI
10         F         EMI           11         C         EMI           12         G         EMI           13         C         EMI           14         H         SIN           15         B         SIN           16         H         SIN           17         B         SIN           18         F         SIN           19         D         SIN           20         F         EMI           21         C         SIN           22         J         IOD           23         C         SIN           24         J         IOD           25         B         IOD           26         J         IOD           27         D         IOD           28         G         IOD           29         D         Not Scored         —           30         J         Not Scored         —           31         C         Not Scored         —           33         D         Not Scored         —           34         F         Not Scored         —           <	8	J		IOD
11       C       EMI         12       G       EMI         13       C       EMI         14       H       SIN         15       B       SIN         16       H       SIN         17       B       SIN         18       F       SIN         19       D       SIN         20       F       EMI         21       C       SIN         22       J       IOD         23       C       SIN         24       J       IOD         25       B       IOD         26       J       IOD         27       D       IOD         28       G       IOD         29       D       Not Scored       —         30       J       Not Scored       —         31       C       Not Scored       —         32       J       Not Scored       —         33       D       Not Scored       —         34       F       Not Scored       —         35       B       IOD         36       F       SIN	9	С		EMI
12       G       EMI         13       C       EMI         14       H       SIN         15       B       SIN         16       H       SIN         17       B       SIN         18       F       SIN         19       D       SIN         20       F       EMI         21       C       SIN         22       J       IOD         23       C       SIN         24       J       IOD         25       B       IOD         26       J       IOD         27       D       IOD         28       G       IOD         29       D       Not Scored       —         30       J       Not Scored       —         31       C       Not Scored       —         32       J       Not Scored       —         34       F       Not Scored       —         35       B       IOD         36       F       SIN         37       B       IOD         38       G       IOD         <	10	F		EMI
13         C         EMI           14         H         SIN           15         B         SIN           16         H         SIN           17         B         SIN           18         F         SIN           19         D         SIN           20         F         EMI           21         C         SIN           22         J         IOD           23         C         SIN           24         J         IOD           25         B         IOD           26         J         IOD           27         D         IOD           28         G         IOD           29         D         Not Scored         —           30         J         Not Scored         —           31         C         Not Scored         —           32         J         Not Scored         —           34         F         Not Scored         —           35         B         IOD           36         F         SIN           37         B         IOD           <	11	С		EMI
14       H       SIN         15       B       SIN         16       H       SIN         17       B       SIN         18       F       SIN         19       D       SIN         20       F       EMI         21       C       SIN         22       J       IOD         23       C       SIN         24       J       IOD         25       B       IOD         26       J       IOD         27       D       IOD         28       G       IOD         29       D       Not Scored       —         30       J       Not Scored       —         31       C       Not Scored       —         32       J       Not Scored       —         33       D       Not Scored       —         34       F       Not Scored       —         35       B       IOD         36       F       SIN         37       B       IOD         38       G       IOD         39       C       IOD	12	G		EMI
15         B         SIN           16         H         SIN           17         B         SIN           18         F         SIN           19         D         SIN           20         F         EMI           21         C         SIN           22         J         IOD           23         C         SIN           24         J         IOD           25         B         IOD           26         J         IOD           27         D         IOD           28         G         IOD           29         D         Not Scored         —           30         J         Not Scored         —           31         C         Not Scored         —           32         J         Not Scored         —           34         F         Not Scored         —           35         B         IOD           36         F         SIN           37         B         IOD           38         G         IOD           39         C         IOD	13	С		EMI
16       H       SIN         17       B       SIN         18       F       SIN         19       D       SIN         20       F       EMI         21       C       SIN         22       J       IOD         23       C       SIN         24       J       IOD         25       B       IOD         26       J       IOD         27       D       IOD         28       G       IOD         29       D       Not Scored       —         30       J       Not Scored       —         31       C       Not Scored       —         32       J       Not Scored       —         34       F       Not Scored       —         35       B       IOD         36       F       SIN         37       B       IOD         38       G       IOD         39       C       IOD	14	Н		SIN
17       B       SIN         18       F       SIN         19       D       SIN         20       F       EMI         21       C       SIN         22       J       IOD         23       C       SIN         24       J       IOD         25       B       IOD         26       J       IOD         27       D       IOD         28       G       IOD         29       D       Not Scored       —         30       J       Not Scored       —         31       C       Not Scored       —         32       J       Not Scored       —         33       D       Not Scored       —         34       F       Not Scored       —         35       B       IOD         36       F       SIN         37       B       IOD         38       G       IOD         39       C       IOD	15	В		SIN
18         F         SIN           19         D         SIN           20         F         EMI           21         C         SIN           22         J         IOD           23         C         SIN           24         J         IOD           25         B         IOD           26         J         IOD           27         D         IOD           28         G         IOD           29         D         Not Scored         —           30         J         Not Scored         —           31         C         Not Scored         —           32         J         Not Scored         —           33         D         Not Scored         —           34         F         Not Scored         —           35         B         IOD           36         F         SIN           37         B         IOD           38         G         IOD           39         C         IOD	16	Н		SIN
19       D       SIN         20       F       EMI         21       C       SIN         22       J       IOD         23       C       SIN         24       J       IOD         25       B       IOD         26       J       IOD         27       D       IOD         28       G       IOD         29       D       Not Scored       —         30       J       Not Scored       —         31       C       Not Scored       —         32       J       Not Scored       —         33       D       Not Scored       —         34       F       Not Scored       —         35       B       IOD         36       F       SIN         37       B       IOD         38       G       IOD         39       C       IOD	17	В		SIN
20       F       EMI         21       C       SIN         22       J       IOD         23       C       SIN         24       J       IOD         25       B       IOD         26       J       IOD         27       D       IOD         28       G       IOD         29       D       Not Scored       —         30       J       Not Scored       —         31       C       Not Scored       —         32       J       Not Scored       —         34       F       Not Scored       —         35       B       IOD         36       F       SIN         37       B       IOD         38       G       IOD         39       C       IOD	18	F		SIN
21         C         SIN           22         J         IOD           23         C         SIN           24         J         IOD           25         B         IOD           26         J         IOD           27         D         IOD           28         G         IOD           29         D         Not Scored         —           30         J         Not Scored         —           31         C         Not Scored         —           32         J         Not Scored         —           33         D         Not Scored         —           34         F         Not Scored         —           35         B         IOD           36         F         SIN           37         B         IOD           38         G         IOD           39         C         IOD	19	D		SIN
22       J       IOD         23       C       SIN         24       J       IOD         25       B       IOD         26       J       IOD         27       D       IOD         28       G       IOD         29       D       Not Scored       —         30       J       Not Scored       —         31       C       Not Scored       —         32       J       Not Scored       —         33       D       Not Scored       —         34       F       Not Scored       —         35       B       IOD         36       F       SIN         37       B       IOD         38       G       IOD         39       C       IOD	20	F		EMI
23         C         SIN           24         J         IOD           25         B         IOD           26         J         IOD           27         D         IOD           28         G         IOD           29         D         Not Scored         —           30         J         Not Scored         —           31         C         Not Scored         —           32         J         Not Scored         —           33         D         Not Scored         —           34         F         Not Scored         —           35         B         IOD           36         F         SIN           37         B         IOD           38         G         IOD           39         C         IOD	21	С		SIN
24       J       IOD         25       B       IOD         26       J       IOD         27       D       IOD         28       G       IOD         29       D       Not Scored       —         30       J       Not Scored       —         31       C       Not Scored       —         32       J       Not Scored       —         33       D       Not Scored       —         34       F       Not Scored       —         35       B       IOD         36       F       SIN         37       B       IOD         38       G       IOD         39       C       IOD	22	J		IOD
25       B       IOD         26       J       IOD         27       D       IOD         28       G       IOD         29       D       Not Scored       —         30       J       Not Scored       —         31       C       Not Scored       —         32       J       Not Scored       —         33       D       Not Scored       —         34       F       Not Scored       —         35       B       IOD         36       F       SIN         37       B       IOD         38       G       IOD         39       C       IOD	23	С		SIN
26       J       IOD         27       D       IOD         28       G       IOD         29       D       Not Scored       —         30       J       Not Scored       —         31       C       Not Scored       —         32       J       Not Scored       —         33       D       Not Scored       —         34       F       Not Scored       —         35       B       IOD         36       F       SIN         37       B       IOD         38       G       IOD         39       C       IOD	24	J		IOD
27         D         IOD           28         G         IOD           29         D         Not Scored         —           30         J         Not Scored         —           31         C         Not Scored         —           32         J         Not Scored         —           33         D         Not Scored         —           34         F         Not Scored         —           35         B         IOD           36         F         SIN           37         B         IOD           38         G         IOD           39         C         IOD	25	В		IOD
28       G       IOD         29       D       Not Scored       —         30       J       Not Scored       —         31       C       Not Scored       —         32       J       Not Scored       —         33       D       Not Scored       —         34       F       Not Scored       —         35       B       IOD         36       F       SIN         37       B       IOD         38       G       IOD         39       C       IOD	26	J		IOD
29         D         Not Scored         —           30         J         Not Scored         —           31         C         Not Scored         —           32         J         Not Scored         —           33         D         Not Scored         —           34         F         Not Scored         —           35         B         IOD           36         F         SIN           37         B         IOD           38         G         IOD           39         C         IOD	27			IOD
30       J       Not Scored       —         31       C       Not Scored       —         32       J       Not Scored       —         33       D       Not Scored       —         34       F       Not Scored       —         35       B       IOD         36       F       SIN         37       B       IOD         38       G       IOD         39       C       IOD	28	G		IOD
31         C         Not Scored         —           32         J         Not Scored         —           33         D         Not Scored         —           34         F         Not Scored         —           35         B         IOD           36         F         SIN           37         B         IOD           38         G         IOD           39         C         IOD	29	D	Not Scored	
32       J       Not Scored       —         33       D       Not Scored       —         34       F       Not Scored       —         35       B       IOD         36       F       SIN         37       B       IOD         38       G       IOD         39       C       IOD		J		<u>—</u>
33         D         Not Scored         —           34         F         Not Scored         —           35         B         IOD           36         F         SIN           37         B         IOD           38         G         IOD           39         C         IOD		С		
34         F         Not Scored         —           35         B         IOD           36         F         SIN           37         B         IOD           38         G         IOD           39         C         IOD				<del></del>
35 B IOD 36 F SIN 37 B IOD 38 G IOD 39 C IOD		D		
36       F       SIN         37       B       IOD         38       G       IOD         39       C       IOD		<u> </u>	NOT Scored	
37         B         IOD           38         G         IOD           39         C         IOD				
38 G IOD 39 C IOD				
<b>39</b> C IOD				
<b>4U</b>    () )				
	40	J		IOD

## **Science Reporting Categories**

(Capture raw scores/correct answers.)

Interpretation of Data (IOD) = \_\_\_\_ of 16

Scientific Investigation (SIN) = \_\_\_\_ of 9

Evaluation of Models, Inferences &

Experimental Results (EMI) = \_\_\_\_ of 9

Total Science (IOD + SIN + EMI) = \_\_\_\_ of 34

## **Reading Scale Score Conversion Table**

Use the Total Science Raw Score from the previous table to find the scale score you could expect if you got that number correct on test day.

Science Raw Score	Science Scale Score
34	36
33	35
32	34
31	33
30	32
29	31
28	30
27	29
26	28
25	27
24	26
23	25
22	25
21	24
20	23
19	23
18	22

Science Raw Score	Science Scale Score
17	21
16	20
15	19
14	18
13	18
12	17
11	16
10	15
9	14
8	12
7	12
6	11
5	10
4	9
3	7
2	6
1	3
0	1

Science Scale Score

= \_\_\_\_