

This document contains the answer keys and rubrics for the LEAP Connect Grade 8 Science Practice Test. Information related to item complexity is indicated in the column labeled “Tier” (i.e., 1-4) in the Grade 8 Science Practice Test – Sessions 1-2 tables. Additional information about the item complexity is located in the [LEAP Connect Assessment Guides for Grades 6-8](#).

Item Type Key

MC – multiple choice

CR – constructed response

Grade 8 Science Practice Test – Session 1

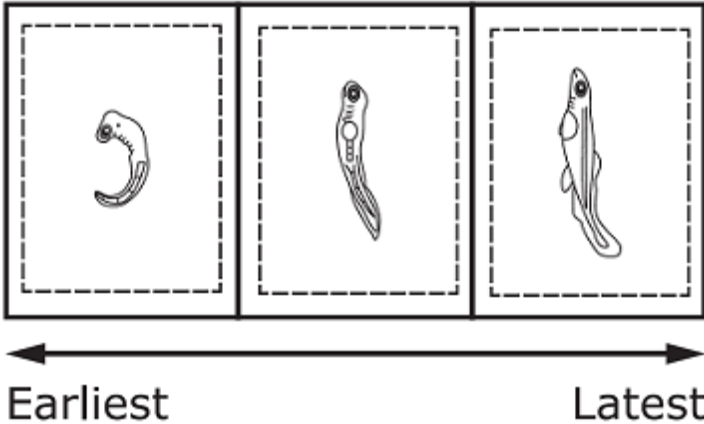
Session 1					
Item #	Item Type	Value (points)	Answer	Tier	LC Alignment
1	MC	1	C	2	LC-8-PS1-3a
2	MC	1	B	1	LC-8-PS1-6b
3	MC	1	A	2	LC-8-PS1-3a
4	MC	1	A	2	LC-8-PS3-3a
5	MC	1	C	4	LC-8-PS1-6b
6	MC	1	A	1	LC-8-LS4-3a
7	MC	1	B	3	LC-8-LS4-2a
8	CR	1	Rubric	4	LC-8-LS4-3a
9	MC	1	C	2	LC-8-LS3-1a
10	MC	1	A	3	LC-8-LS1-5a
11	MC	1	B	2	LC-8-ESS2-1a
12	MC	1	A	1	LC-8-ESS2-1a
13	MC	1	B	2	LC-8-ESS3-1a
14	MC	1	C	3	LC-8-ESS1-4a
15	MC	1	C	3	LC-8-ESS2-1a
16	MC	1	A	1	LC-8-PS3-3a
17	MC	1	C	2	LC-8-PS1-6b

Grade 8 Science Practice Test – Session 2

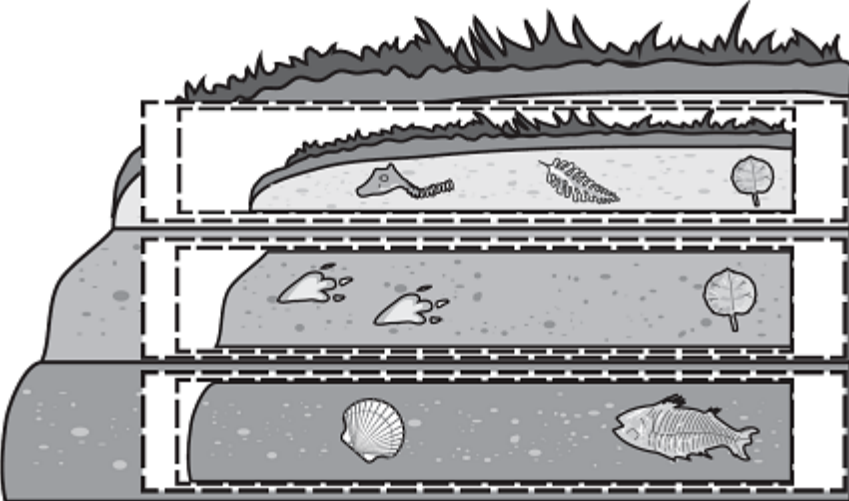
Session 2					
Item #	Item Type	Value (points)	Answer	Tier	LC Alignment
18	MC	1	B	2	LC-8-PS3-3a
19	MC	1	C	3	LC-8-PS1-3a
20	MC	1	A	4	LC-8-LS1-5a
21	MC	1	B	3	LC-8-LS4-3a
22	MC	1	C	3	LC-8-LS4-2a
23	MC	1	B	2	LC-8-LS1-5a
24	MC	1	A	2	LC-8-LS3 -1a
25	MC	1	B	1	LC-8-LS1-5a

26	MC	1	C	3	LC-8-LS4-3a
27	MC	1	B	4	LC-8-ESS3-1a
28	MC	1	A	1	LC-8-ESS3-1a
29	MC	1	A	3	LC-8-ESS1-4a
30	CR	1	Rubric	2	LC-8-ESS1-4a

Grade 8 Science Practice Test – Constructed Response Rubrics

Session 1 – Item 8	
Score	Description
1	<p>Student correctly places the picture that shows the stage when the fish has gill slits, large eyes and curled tail in the first cell; the picture that shows the stage when the fish has gill slits, large eyes, and a wide tail in the second cell; and the picture that shows the stage when the fish has gill slits, eyes and small fins with a wide tail in the third cell on the chart.</p> <p>Sample Student Response:</p> <p style="text-align: center;">Evidence of Relationships</p> <div style="text-align: center;">  </div>
0	Student does not correctly place the 3 pictures of embryos on the chart in the correct order.

Session 2 – Item 30

Score	Description
<p>1</p>	<p>Student correctly places exactly 3 pictures of the rock layers fossils on the chart in the order of: shell and fish; dinosaur and plant; and mammal, bird, and plant from the bottom up.</p> <p>Sample Student Response:</p> <h2 style="text-align: center;">Rock Layers</h2> 
<p>0</p>	<p>Student does not correctly place exactly 3 pictures of the rock layers on the chart.</p>