Science Grade 10 Online Tools Training

Part 1

Question	Answer Key	Alignment	DOK
1	Part A: 6CO ₂ + 6H ₂ O	HS-LS1-5	3
2	Argument 1: The growth rings of already established trees would be wider than before the environmental change due to greater water availability. Argument 2: New bristlecone pines would start to grow in nearby areas due to stronger winds.	HS-LS2-6	2
3	A	HS-LS3-2	2
4	1.5 kg	HS-PS2-1	2
5	Part A: C Part B: B	HS-PS1-1	2

Part 2

Question	Answer Key	Alignment	DOK
6	Part A: A Part B: C	HS-PS3-3	3
7	A, E	HS-PS1-8	2
8	Section Sect	HS-PS1-1	2
9	0.5 kg 1.0 kg 1.5 kg 2 m/s² 4 m/s² Mass of hammer ✓ □ □ □ Mass of ball ✓ □ □ □ Acceleration of hammer □ □ ✓	HS-PS2-1	2
10	Drop-Down List 1: decreases Drop-Down List 2: mates Drop-Down List 3: decreases Drop-Down List 4: an increase	HS-LS2-8	2

Science Grade 10 Online Tools Training continued

Part 3

Question	Answer Key	Alignment	DOK
11	Part A: A Part B: glucose + oxygen → carbon dioxide + water (Students can receive credit for any order of reactants and any order of products.)	HS-LS1-7	2
12	A, D, E	HS-LS4-2	2
13	A	HS-LS4-4	2
14	В	HS-LS1-1	2
15	С	HS-PS2-2	2