

**Utah Aspire Plus Science
Question Sampler Answer Keys**

Question Number	Item Type	Key/Example Response
1	Multiple Choice	D
2	Technology Enhanced	Highlighted text #7 (Understanding how the climate changed over time will give scientists insight into how a planet that once had liquid water became the dusty planet it is now.)
3	Multiple Choice	A
4	Technology Enhanced	similar iron content
5	Multiple Choice	D
6	Multiple Choice	B
7	Multiple Choice	C
8	Technology Enhanced	Choices 1,3,4 (1. found on Earth's surface; 3. appear glassy; 4. a few inches in diameter)
9	Multiple Choice	B,C,D,F
10	Technology Enhanced	Northwest (various spellings and methods i.e. "NW")
11	Technology Enhanced	part 1 B; Part 2 A,E
12	Technology Enhanced	Positive slope - starting anywhere in lowest squares at bottom left side to upper squares at upper right side
13	Technology Enhanced	Part A: Potential Energy (top box), Kinetic Energy (both lower boxes); Part B: Does Not Change
14	Multiple Choice	B
15	Multiple Choice	D
16	Multiple Choice	D
17	Technology Enhanced	Water, Kerosene, Motor Oil, Corn Syrup
18	Multiple Choice	C
19	Technology Enhanced	15, 30, 75
20	Multiple Choice	A,D
21	Technology Enhanced	8.9; 9 or 9.0
22	Multiple Choice	B,D
23	Technology Enhanced	'Yellow short' for first cross and 'Yellow tall' for both crosses
24	Technology Enhanced	Numbering boxes from 1 -11 left to right: 1, 3, 5; or 2, 5, 9; or any three choices where the intervening intervals increase between selections.

*Some technology enhanced items have more than 1 correct answer. Only 1 or 2 example correct answers are listed.