PEAKS
PERFORMANCE EVALUATION FOR ALASKA'S SCHOOLS

SCIENCE SUMMARY TABLE

Grade 8

The summary table below may be used with the grade 8 science Paper-Based Item Sampler or Online Tools Training (OTT). It provides an answer key, alignment to the Alaska standards, and depth of knowledge level for each question. Please note, there are two different answer keys for each grade level: one for the paper-based item samplers and one for the OTT.

Paper-Based Item Sampler - Part 1

Question #	Answer Key(s)	Alignment	DOK
1	A, E	MS-LS1-4	2
2	B	MS-LS2-3	2
3	C	MS-ESS1-1b	3
4	A	MS-LS1-4	2
5	B	MS-PS1-5	2

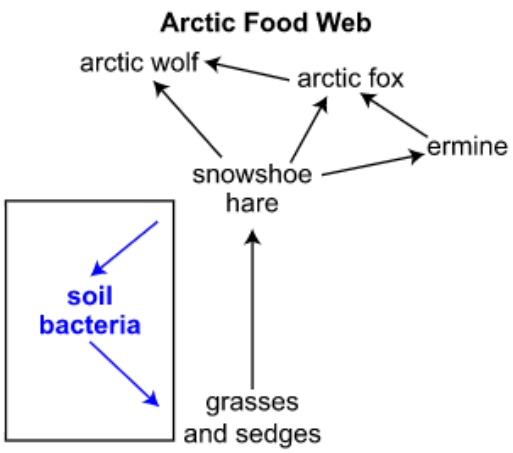
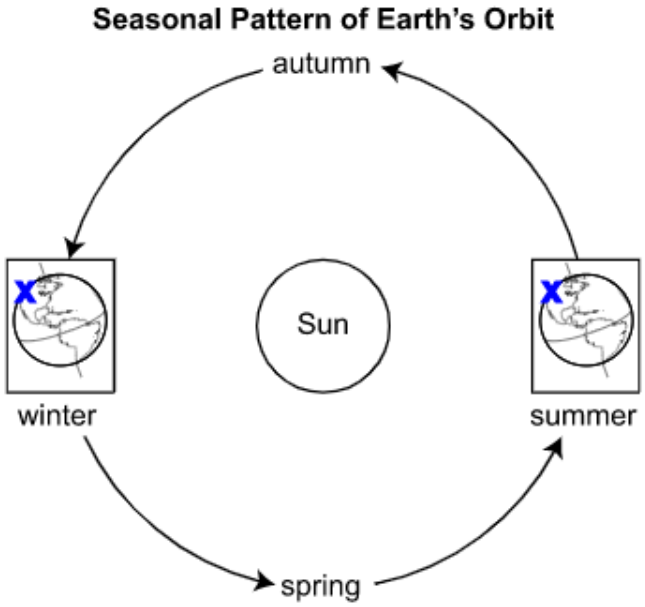
Paper-Based Item Sampler - Part 2

Question #	Answer Key(s)	Alignment	DOK
6	Part A: A Part B: B	MS-PS4-2	2
7	A	MS-PS2-4	2
8	A, C	MS-PS-4-2	2
9	Part A: A Part B: B	MS-ESS3-3	2
10	C, D	MS-ESS2-4	2

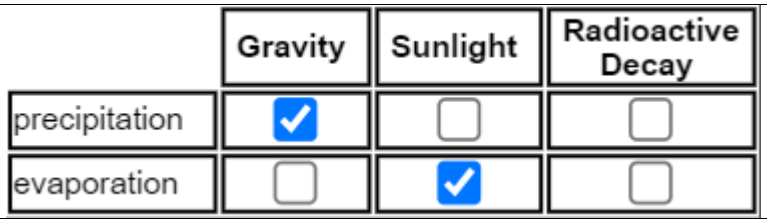
Paper-Based Item Sampler - Part 3

Question #	Answer Key(s)	Alignment	DOK
11	A	MS-PS1-4	2
12	A	MS-PS2-2	2
13	C	MS-PS4-2	2
14	C	MS-ESS3-3	2
15	D	MS-ESS1-1b	3

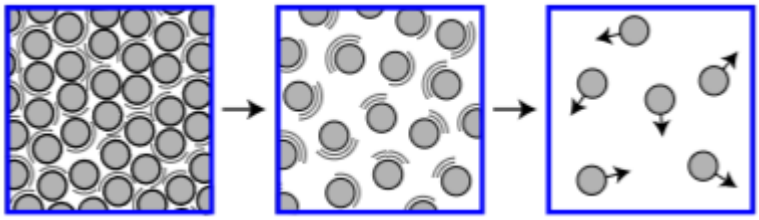
OTT - Part 1

Question #	Answer Key(s)	Alignment	DOK
1	Sentences 1 and 5	MS-LS1-4	2
2		MS-LS2-3	2
3	Part A  Part B D1: less D2: colder	MS-ESS1-1b	3
4	A	MS-LS1-4	2
5	B	MS-PS1-5	2

OTT - Part 2

Question #	Answer Key(s)	Alignment	DOK
6	Part A: A, Part B: B	MS-PS4-2	2
7	A	MS-PS2-4	2
8	A, C	MS-PS-4-2	2
9	Part A: A, Part B: B	MS-ESS3-3	2
10		MS-ESS2-4	2

OTT - Part 3

Question #	Answer Key(s)	Alignment	DOK
11		MS-PS1-4	2
12	D 1: upward, D 2: greater than	MS-PS2-2	2
13	C	MS-PS4-2	2
14	C	MS-ESS3-3	2
15	*Based on prior knowledge and provided data, acceptable responses are a graph of May, June, and July or a graph of June, July, and August.* A bar labeled May with a height of 49 A bar labeled June or Jun with a height of 55 A bar labeled July or Jul with a height of 57 A bar labeled August or Aug with a height of 56	MS-ESS1-1b	2