

Utah Connections Academy

Earth Science Semester A 2023-2024

Day #	Date	Day	% Completion	Unit/Lesson Number
1	22-Aug	T	1	Launch into Earth and Space Science, Stars and Constellations
2	23-Aug	W	2	U2L2 Spectroscopy
3	24-Aug	Th	3	U2L3 Star Types
4	25-Aug	F	4	U2L4 Star Elements
5	28-Aug	M	6	U2L5 Star Evolution
6	29-Aug	T	7	U2L6 Star Comparisons
7	30-Aug	W	8	U2L7 The Stars Unit Review
8	31-Aug	Th	9	U2L8 Star Composition Lab
9	1-Sep	F	10	U3L1 Sun's Layers
Labor Day	4-Sep	M		
10	5-Sep	T	12	U3L2 Sun's Magnetism
11	6-Sep	W	13	U3L3 Solar Weather
12	7-Sep	Th	14	U3L4 Solar Weather Impact
13	8-Sep	F	15	U3L5 Solar Weather and Climate
14	11-Sep	M	17	U3L6 The Sun Unit Review
15	12-Sep	T	18	U3L7 Solar Weather Preparation
16	13-Sep	W	19	U3L8 Solar Weather Preparation Discussion
17	14-Sep	Th	20	U4L1 Aristotle and Ptolemy
18	15-Sep	F	21	U4L2 Copernicus
19	18-Sep	M	23	U4L3 Kepler's Second Law
20	19-Sep	T	24	U4L4 Kepler's First and Third Laws
21	20-Sep	W	25	U4L5 Universal Gravitation
22	21-Sep	Th	26	U4L6 Eccentric Orbits
23	22-Sep	F	27	U4L7 Orbits of Planetary Bodies
24	25-Sep	M	28	U4L8 Orbits of Satellites
25	26-Sep	T	29	U4L9 Orbital Motion Unit Review
26	27-Sep	W	30	U4L10 Orbital Motion Unit Test
27	28-Sep	Th	31	U5L1 Nebulae
28	29-Sep	F	32	U5L2 Galaxy Types
29	2-Oct	M	34	U5L3 Black Holes
30	3-Oct	T	35	U5L4 Galaxy Evolution
31	4-Oct	W	36	U5L5 What's in a Universe?
32	5-Oct	Th	37	U5L6 Colliding Galaxies
33	6-Oct	F	38	U5L7 Galaxy Formation
34	9-Oct	M	39	U5L8 Galaxies Unit Review
35	10-Oct	T	40	U5L9 Coloring the Universe Lab (1) (NOT REQUIRED)
36	11-Oct	W	41	U5L9 Coloring the Universe Lab (2) (NOT REQUIRED)

Fall Break	12-Oct	Th		
Fall Break	13-Oct	F		
37	16-Oct	M	42	U6L1 Redshift and Blueshift
38	17-Oct	T	43	U6L2 Origins of the Universe
39	18-Oct	W	44	U6L3 Expanding Universe
40	19-Oct	Th	45	U6L4 In the Dark
41	20-Oct	F	46	U6L5 Big Bang Theory
42	23-Oct	M	47	U6L6 Investigating Redshift and Blueshift Lab (1)
43	24-Oct	T	48	U6L6 Investigating Redshift and Blueshift Lab (2)
44	25-Oct	W	49	U6L7 The Universe Unit Review
45	26-Oct	Th	50	U6L8 The Universe Unit Test
Workday	27-Oct	F		
End of Quarter 1 -Midterm Progress Reports				
46	30-Oct	M	52	U7L1 The Composition of Earth's Layers
47	31-Oct	T	53	U7L2 Determining Earth's Interior Structure
48	1-Nov	W	54	U7L3 Rock Types and Cycle
49	2-Nov	Th	55	U7L4 Minerals
50	3-Nov	F	56	U7L5 Age of Rock
51	6-Nov	M	58	U7L6 Rocks Unit Review
52	7-Nov	T	59	U7L7 Geologic Age Lab (1)
53	8-Nov	W	60	U7L7 Geologic Age Lab (2)
54	9-Nov	Th	61	U8L1 Plate Tectonic Theory
55	10-Nov	F	62	U8L2 Fossils and Plate Tectonics
56	13-Nov	M	63	U8L3 Magnetism and Plate Tectonics
57	14-Nov	T	64	U8L4 Age of Rock and Plate Tectonics
58	15-Nov	W	65	U8L5 Investigating Thermal Convection Lab (1)
59	16-Nov	Th	66	U8L5 Investigating Thermal Convection Lab (2)
60	17-Nov	F	68	U8L6 Volcanoes
61	20-Nov	M	69	U8L7 Plates and Volcanoes
62	21-Nov	T	70	U8L8 Plates and Earthquakes
63	22-Nov	W	71	U8L9 Earthquakes
Thanksgiving	23-Nov	Th		
Thanksgiving	24-Nov	F		
64	27-Nov	M	72	U8L10 Earthquakes Discussion
65	28-Nov	T	73	U8L11 Tectonic Plates Unit Review
66	29-Nov	W	74	U8L12 Tectonic Plates Unit Test
67	30-Nov	Th	75	U9L1 Weathering
68	1-Dec	F	76	U9L2 Physical Weathering, Erosion, and Water Lab (1)
69	4-Dec	M	78	U9L2 Physical Weathering, Erosion, and Water Lab (2)
70	5-Dec	T	79	U9L3 Chemical Weathering and Water
71	6-Dec	W	80	U9L4 Weathering and Erosion Impact
72	7-Dec	Th	81	U9L5 Geologic Time
73	8-Dec	F	82	U9L6 Life on Land

74	11-Dec	M	84	U9L7 Evolution of New Life
75	12-Dec	T	85	U9L8 Weathering and Erosion Unit Review
76	13-Dec	W	86	U9L9 Weathering and Erosion Unit Test
77	14-Dec	Th	87	U10L1 Semester A Review
78	15-Dec	F	88	U10L2 Semester A Test
Winter Break	1-Jan	M		
79	2-Jan	T	89	
80	3-Jan	W	90	
81	4-Jan	Th	91	
82	5-Jan	F	92	
83	8-Jan	M	93	
84	9-Jan	T	94	
85	10-Jan	W	95	
86	11-Jan	Th	96	
87	12-Jan	F	97	
MLK Day	15-Jan	M		
87	16-Jan	T	98	
88	17-Jan	W	99	
89	18-Jan	Th	100	
Workday	19-Jan	F		