



8th Grade Science/STEM



Color-Coded Year at a Glance

(last modified 07/31/24)

Units (175 days) AHISD	Standards
Scientific & Engineering Practices (10 days)	8.1A, 8.1C, 8.1D, 8.1E
Classification of Matter & Acids/Bases (17 days)	8.6A, 8.6D
Conservation of Mass in Chemical Reactions (12 days)	8.6B, 8.6E
Properties of Water (8 days)	8.6C
Newton's Laws & F=ma (15 days)	8.7A, 8.7B
Energy and Waves (10 days)	8.8A, 8.8B
Components of the Universe (10 days)	8.9A, 8.9B, 8.9C
Atmospheric and Ocean Movement (9 days)	8.10A, 8.10B, 8.10C,
Global Influences on Climate (9 days)	8.11A, 8.11.B, 8.11C
Cellular Functions (9 days)	8.13A
Genes and Chromosomes (14 days)	8.13B, 8.13C
Organisms and Environments (13 days)	8.12A-C
STAAR Review (9 days)	
STARR Window (9 days)	
Biology Prep/Other (14 days)	(based on new Bio YAG)

July

S	M	T	W	TH	F	S
	1	2	3	4	5	6
7	8	9	10	11	12	13
14	15	16	17	18	19	20
21	22	23	24	25	26	27
28	29	30	31			

August

S	M	T	W	TH	F	S
				1	2	3
4	5	6	7	8	9	10
11	<12	13	14	15	16	17
18	19	20	21	22	23	24
25	26	27	28	29	30	31

September

S	M	T	W	TH	F	S
1	2	3	4	5	6	7
8	9	10	11	12	13	14
15	16	17	18	19	20	21
22	23	24	25	26	27	28
29	30					

October

S	M	T	W	TH	F	S
		1	2	3	4	5
6	7	8	9	10	11	12
13	14	15	16>	<17	18*	19
20	21	22	23	24	25	26
27	28	29	30	31		

November

S	M	T	W	TH	F	S
					1	2
3	4	5	6	7	8	9
10	11	12	13+	14	15	16
17	18	19	20	21	22	23
24	25	26	27	28	29	30

December

S	M	T	W	TH	F	S
1	2	3	4	5	6	7
8	9	10	11	12	13	14
15	16	17	18	19	>20*	21
22	23	24	25	26	27	28
29	30	31				

January

S	M	T	W	TH	F	S
			1	2	3	4

February

S	M	T	W	TH	F	S
						1

March

S	M	T	W	TH	F	S
						1

5	6	<7	8	9	10	11
12	13	14	15*	16	17	18
19	20	21	22	23	24	25
26	27	28	29	30	31	

2	3	4	5	6	7	8
9	10	11	12	13	14	15
16	17	18	19	20	21	22
23	24	25	26	27	28*	

2	3	4	5	6	>7	8
9	10	11	12	13	14	15
16	17	<18	19	20	21	22
23	24	25	26	27	28	29
30	31					

April

S	M	T	W	TH	F	S
		1	2	3	4	5
6	7	8	9*	10	11	12
13	14	15	16	17	18	19
20	21	22	23	24	25	26
27	28	29	30			

May

S	M	T	W	TH	F	S
				1	2	3
4	5	6	7	8	9	10
11	12	13	14	15	16	17
18	19	20	21	22**	23	24
25	26	27	28	29	30	31

June

S	M	T	W	TH	F	S
1	2	3	4	5	6	7
8	9	10	11	12	13	14
15	16	17	18	19	20	21
22	23	24	25	26	27	28
29	30					

Key:

<	Start of 9 weeks
>	End of 9 weeks
◆	Early release
*	Elementary Student Holiday/Parent Teacher Conference
	STAAR
X	MAP Testing Window

	Student Holiday/ Staff Work Day
	Student Holiday/Staff Development
	Fall Break (25-26 th Trade Days)
	Winter Break
	Spring Break
	Student & Staff Holiday