

FAYETTE COUNTY PUBLIC SCHOOLS - Biology with Earth & Space Science SCIENCE 2023-2024

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

Unit 1
Energy Transformation

[Unit Framework](#)

Approximately 41 Days / 20 Blocks

Common Assessment Window
10/13/23 – 10/27/23

Part 1A - Energy in Living Things
[Part 1 A - Framework](#)

Approximately 21 Days / 10 Blocks

Part 1B - Carbon and Climate
[Part 1B - Framework](#)

Approximately 20 Days / 10 Blocks

Essential Standards - Part A

HS-LS1-5	HS-LS2-3	HS-LS2-5
----------	----------	----------

Supporting Standards - Part A

HS-LS1-6	HS-LS1-7	HS-LS2-4
----------	----------	----------

Essential Standards - Part B

HS-ESS2-6	HS-ESS3-5	HS-ESS2-2	HS-ESS3-6
-----------	-----------	-----------	-----------

Supporting Standards - Part B

HS-ESS2-1	HS-ESS2-3	HS-ESS2-4	HS-ESS2-7
-----------	-----------	-----------	-----------

October				
M	T	W	T	F
23	24	25	26	27
November				
M	T	W	T	F
30	31	1	2	3
6	7	8	9	10
13	14	15	16	17
20	21	22	23	24
27	28	29	30	1
December				
M	T	W	T	F
4	5	6	7	8

**Unit 2
Energy Transfer**

[Unit Framework](#)

Approximately 31 Days / 16 Blocks

**Common Assessment Window
12/01/23 – 12/15/23**

Part 2A - Ecosystems
[Part 2A - Framework](#)

Approximately 10 Days / 5 Blocks

Part 2B - Carrying Capacities & Resources

[Part 2B - Framework](#)

Approximately 21 Days / 11 Blocks

Essential Standards - Part A

HS-LS2-4	HS-LS2-6	HS-LS2-2
----------	----------	----------

Supporting Standards - Part A

HS-LS2-3	HS-LS2-5
----------	----------

Essential Standards - Part B

HS-ESS3-3	HS-LS2-7	HS-ESS3-4
-----------	----------	-----------

HS-LS4-6	HS-ESS3-1
----------	-----------

Supporting Standards - Part B

HS-LS4-2	HS-LS4-3	HS-LS4-4
----------	----------	----------

HS-LS4-5	HS-ESS3-2
----------	-----------

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

**Unit 3
Regulation**

[Unit Framework](#)

Approximately 28 Days / 14 Blocks

**Common Assessment Window
01/26/24 – 02/09/24**

Part 3A -Feedback Mechanisms

[Part 3A - Framework](#)

Approximately 14 Days / 7 Blocks

Part 3B - Cell Division & Differentiation

[Part 3B - Framework](#)

Approximately 14 Days / 7 Blocks

Essential Standards - Part A

HS-LS1-3

HS-LS1-2

Supporting Standards - Part A

HS-LS1-1

Essential Standards - Part B

HS-LS1-4

February				
M	T	W	T	F
5	6	7	8	9
12	13	14	15	16
19	20	21	22	23
26	27	28	29	1
March				
M	T	W	T	F
4	5	6	7	8
11	12	13	14	15
18	19	20	21	22

**Unit 4
Diversity**

[Unit Framework](#)

Approximately 33 Days / 16 Blocks

**Common Assessment Window
03/08/24 – 03/22/24**

Part 4A -DNA to Protein

[Part 4A - Framework](#)

Approximately 14 Days / 7 Blocks

Part 4B - Genetics

[Part 4B - Framework](#)

Approximately 19 Days / 9 Blocks

Essential Standards - Part A

HS-LS1-1

Supporting Standards - Part A

HS-LS1-2

HS-LS1-3

Essential Standards - Part B

HS-LS3-1

HS-LS3-2

HS-LS3-3

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

Unit 5 Change

[Unit Framework](#)

Approximately 41 Days / 20 Blocks

Common Assessment Window
05/06/24 – 05/29/24

Part 5A - Evidence for Evolution

[Part 5A - Framework](#)

Approximately 14 Days / 7 Blocks

Part 5B - Natural Selection
and Adaptation

[Part 5B - Framework](#)

Approximately 12 Days / 6 Blocks

Part 5C - Coevolution of Earth's
Systems and Life

[Part 5C - Framework](#)

Approximately 15 Days / 7 Blocks

Essential Standards - Part A

HS-LS4-1

Essential Standards - Part B

HS-LS4-2

HS-LS4-3

HS-LS4-4

HS-LS2-8

Supporting Standards - Part B

HS-LS4-5

HS-ESS4-6

Essential Standards - Part C

HS-LS4-5

HS-ESS2-7

Supporting Standards - Part C

HS-LS4-2

HS-LS4-3

HS-LS4-4

HS-LS4-6

HS-ESS2-2

HS-ESS2-4

HS-ESS2-6