

FAYETTE COUNTY PUBLIC SCHOOLS - Physics 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
23	24	25	26	27
November				
M	T	W	T	F
30	31	1	2	3

**Unit 1
Mechanical Energy**

[Unit Framework](#)

Approximately 51 Days / 25 Blocks

**Common Assessment Window
10/27/23 – 11/13/23**

Part 1A - Acceleration

[Part 1 A - Framework](#)

Approximately 20 Days / 10 Blocks

Part 1B - Collisions

[Part 1B - Framework](#)

Approximately 14 Days / 7 Blocks

Part 1C - Energy and Energy Transfer

[Part 1C - Framework](#)

Approximately 17 Days / 8 Blocks

Essential Standards - Part A

HS-PS2-1

Supporting Standards

HS-P2-2

HS-PS2-3

Essential Standards - Part B

HS-PS2-2

HS-PS2-3

Supporting Standards

HS-PS2-1

HS-ETS1-2

HS-ETS1-3

Essential Standards - Part C

HS-PS3-2

HS-PS3-3

Supporting Standards

HS-PS3-1

HS-PS3-4

HS-ETS1-2

HS-ETS1-3

November				
M	T	W	T	F
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
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

**Unit 2
Gravitational Energy**

[Unit Framework](#)

Approximately 39 Days / 19 Blocks

**Common Assessment Window
01/12/24 – 01/26/24**

Part 2A - Gravity Quantified

[Part 2 A - Framework](#)

Approximately 20 Days / 10 Blocks

**Part 2B - Celestial Bodies Affected
by Gravity**

[Part 2B - Framework](#)

Approximately 19 Days / 9 Blocks

Essential Standards - Part A

HS-PS3-2	HS-PS2-4
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Supporting Standards

HS-PS3-1	HS-PS3-3	HS-PS2-5	HS-PS2-6
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Essential Standards - Part B

HS-PS3-2	HS-PS2-1	HS-ESS1-4
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Supporting Standards

HS-PS3-1	HS-PS3-3	HS-PS2-2
HS-PS2-3	HS-ESS1-5	HS-ESS1-6

January				
M	T	W	T	F
22	23	24	25	26
February				
M	T	W	T	F
29	30	31	1	2
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
25	26	27	28	29

**Unit 3
Electromagnetic Energy**

[Unit Framework](#)

Approximately 48 Days / 24 Blocks

**Common Assessment Window
03/22/24 – 04/12/24**

Part 3A - Electric and Magnetic Fields

[Part 3A - Framework](#)

Approximately 20 Days / 10 Blocks

Part 3B - Electromagnetic Radiation

[Part 3B - Framework](#)

Approximately 14 Days / 7 Blocks

Part 3C - Electromagnetic Waves and Information Transfer

[Part 3C - Framework](#)

Approximately 14 Days / 7 Blocks

Essential Standards - Part A

HS-PS3-2	HS-PS2-4	HS-PS3-5	HS-PS2-5
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Supporting Standards

HS-PS2-6	HS-PS3-1	HS-PS3-3
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Essential Standards - Part B

HS-PS3-2	HS-PS4-1	HS-PS4-4	HS-PS4-3
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Supporting Standards

HS-PS3-1	HS-PS3-3	HS-PS4-2	HS-PS4-5
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Essential Standards - Part C

HS-PS3-2	HS-PS4-5	HS-PS4-2
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Supporting Standards

HS-PS3-1	HS-PS3-3	HS-PS3-4
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HS-PS4-1	HS-PS4-3	HS-PS4-4
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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 4
Matter and Energy
in Earth's Systems**

[Unit Framework](#)

Approximately 36 Days / 18 Blocks

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

Part 4A - Effect of External Energy
Sources on the Earth

[Part 4A - Framework](#)

Approximately 14 Days / 7 Blocks

Part 4B - Effect of Internal Energy
Source on the Earth

[Part 4B - Framework](#)

Approximately 22 Days / 11 Blocks

Essential Standards - Part A

HS-PS3-2	HS-PS3-4	HS-ESS2-4
HS-ESS1-6	HS-ETS1-1	HS-ETS1-4

Supporting Standards

HS-PS3-1	HS-PS3-3	HS-ESS2-2
HS-ESS2-6	HS-ESS2-7	

Essential Standards - Part B

HS-PS3-2	HS-ESS2-3	HS-ESS2-1
HS-ESS1-5		HS-ESS1-6

Supporting Standards

HS-PS3-1	HS-PS3-3	HS-ESS2-2	HS-ESS2-4
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