

Earth & Environmental Science

Unpacked Essential Standards:<https://bit.ly/3Aoynf>

Cycle	90 Days	Quarter	Unit Focus	Standards
1	8	Q1	<u>Earth in the Universe:</u> Earth's Motion Seasons+Tides Sun's Energy Life on Earth	EEn.1.1.1 EEn.1.1.2 EEn.1.1.3 EEn.1.1.4
2	8	Q1	<u>Earth Systems, Structures and Processes:</u> Lithosphere	EEn.2.1.1 EEn.2.1.2 EEn.2.1.3 EEn.2.1.4
3	8	Q1	Human Impact on Lithosphere	EEn.2.2.1 EEn.2.2.2
4	8	Q2	Hydrosphere	EEn.2.3.1 EEn.2.3.2
5	8	Q2	Human Impact on Hydrosphere	EEn.2.4.1 EEn.2.4.2
6	8	Q3	Atmosphere	EEn.2.5.1 EEn.2.5.2 EEn.2.5.3 EEn.2.5.4 EEn.2.5.5
7	8	Q3	Human Impact on Atmosphere	EEn.2.6.1 EEn.2.6.2 EEn.2.6.3 EEn.2.6.4
8	8	Q4	Biosphere	EEn.2.7.1 EEn.2.7.2
9	8	Q4	Human impacts on the Biosphere	EEn.2.7.3
10	8	Q4	Sustainable Living	EEn.2.8.1 EEn.2.8.2 EEn.2.8.3 EEn.2.8.4

Chemistry

Essential Standards: <https://bit.ly/3OJfRQA>

Unpacked Standards: <https://bit.ly/3ahVMIr>

Cycle	90 Days	Quarter	Unit Focus	Standards
1	10	Q1	<u>Matter: Properties and Structure:</u> Atomic Structure	Chm.1.1.1 Chm.1.1.2 Chm.1.1.3 Chm.1.1.4
2	10	Q1	Bonding	Chm.1.2.1 Chm.1.2.2 Chm.1.2.3 Chm.1.2.4 Chm.1.2.5
3	10	Q2	Periodic Table	Chm.1.3.1 Chm.1.3.2 Chm.1.3.3
4	10	Q2	<u>Energy: Conservation and Transfer</u> relationship amongst pressure, temperature, volume, and phase.	Chm.2.1.1 Chm.2.1.2 Chm.2.1.4 Chm.2.1.5
5	10	Q3	Chemical reactions	Chm.2.2.1 Chm.2.2.2 Chm.2.2.3 Chm.2.2.4 Chm.2.2.5
6	10	Q3	<u>Interaction of Energy and Matter</u> Equilibrium	Chm.3.1.1 Chm.3.1.2 Chm.3.1.3
7	10	Q4	Solutions	Chm.3.2.1 Chm.3.2.2 Chm.3.2.3 Chm.3.2.4 Chm.3.2.5 Chm.3.2.6

Physical Science

Essential Standards: <https://bit.ly/3OKeMly>

Unpacked Standards: <https://bit.ly/3NEXeMu>

Cycle	90 Days	Quarter	Unit Focus	Standards
1	10	Q1	Forces and Motion: Understanding Motion	PSc.1.1.1 PSc.1.1.2
2	10	Q1	Relationship between Force and Motion	PSc.1.2.1 PSc.1.2.2 PSc.1.2.3
6	10	Q2	Energy Conservation and Transfer: Energy Conservation	PSc.3.1.1 PSc.3.1.2 PSc.3.1.3 PSc.3.1.4
7	10	Q2	Waves	PSc.3.2.1 PSc.3.2.2 PSc.3.2.3 PSc.3.2.4
8	10	Q3	Electricity and Magnetism	PSc.3.3.1 PSc.3.3.2 PSc.3.3.3 PSc.3.3.4 PSc.3.3.5
3	10	Q3	Matter: Properties and Change: Types of Matter	PSc.2.1.1 PSc.2.1.2 PSc.2.1.3 PSc.2.1.4
4	10	Q4	Chemical Bonding	PSc.2.2.1 PSc.2.2.2 PSc.2.2.3 PSc.2.2.4 PSc.2.2.5 PSc.2.2.6
5	10	Q4	Radioactivity	PSc.2.3.1 PSc.2.3.2

Physics

Essential Standards: <https://www.dpi.nc.gov/media/4059/open>

Unpacked Standards: <https://www.dpi.nc.gov/media/4075/open>

Cycle	90 Days	Quarter	Unit Focus	Standards
1	10	Q1	<u>Forces and Motion:</u> Analyze Motion	Phy.1.1.1 Phy.1.1.2 Phy.1.1.3
2	10	Q1	Analyze Systems of forces	Phys.1.2.1 Phys.1.2.2 Phys.1.2.3 Phys.1.2.4 Phys.1.2.5
3	10	Q2	Conservation of Momentum and Energy	Phys.1.3.1 Phys.1.3.2
4	10	Q2	<u>Energy: Conservation and Transfer:</u> Work Energy and Power	Phys.2.1.1 Phys.2.1.2 Phys.2.1.3
5	10	Q3	Waves	Phys.2.2.1 Phys.2.2.2 Phys.2.2.3
6	10	Q3	Electricity	Phys.2.3.1 Phys.2.3.2 Phys.2.3.3 Phys.2.3.4 Phys.2.3.5
7	10	Q4	<u>Interactions of Energy and Matter:</u> Electrostatic Systems	Phys.3.1.1 Phys.3.1.2 Phys.3.1.3 Phys.3.1.4 Phys.3.1.5
8	10	Q4	Magnetism	Phys.3.2.1 Phys.3.2.2 Phys.3.2.3

Biology

Essential Standards: <https://bit.ly/3uIVZLk>

Unpacked Standards: <https://bit.ly/3uiMAEs>

Test Specification: <https://www.dpi.nc.gov/media/10707/open>

Cycle	90 days	Quarter	Unit Focus	Standards
1	7	Q1	Molecular Biology: Biological Molecules	Bio.4.1.1 Bio.4.1.2 Bio.4.1.3
2	7	Q1	Biochemical Processes	Bio.4.2.1 Bio.4.2.2
3	7	Q1	Structure and Function of Living Things: Cell Structure	Bio.1.1.1 Bio.1.1.2 Bio.1.1.3
4	7	Q1	Cells are Alive	Bio.1.2.1 Bio.1.2.2 Bio.1.2.3
5	7	Q2	Evolution and Genetics: DNA	Bio3.1.1 Bio3.1.2 Bio3.1.3
6	7	Q2	Genetics	Bio3.2.1 Bio3.2.2 Bio3.2.3
7	7	Q2	Biotechnology	Bio3.3.1 Bio3.3.2 Bio3.3.3
8	7	Q3	Evolution	Bio3.4.1 Bio3.4.2 Bio3.4.3
9	7	Q3	Classification	Bio3.5.1 Bio3.5.2
10	7	Q4	Ecosystems: Ecosystems	Bio.2.1.1 Bio.2.1.2 Bio.2.1.3 Bio.2.1.4
11	7	Q4	Environmental Issues	Bio.2.2.1 Bio.2.2.2