## 1<sup>st</sup> Trimester Pacing Guide

Content Area	Science	School: Butler County Middle School
Grade Level	6 <sup>th</sup> Grade	

1 Scientific Process Scientific Method  2 Scientific Process Scientific Method  3 Measurement  4 Cells Parts of cells, functions, specialized cells(tissue, organ),, unicellular/multicellular, structure/function  Cells Parts of cells, functions, specialized cells(tissue, organ),, unicellular/multicellular, structure/function  6 Cells Parts of cells, functions, specialized cells(tissue, organ),, unicellular/multicellular, structure/function  7 Diversity Adaptations, Behavior  8 Diversity Adaptations, Behavior  9 Diversity Adaptations, Behavior  10 Ecology Energy Pyramid, Food web, Biotic, Abiotic, Conservation, Unifying concepts Ecology Energy Pyramid, Food web, Biotic, Abiotic, Conservation, Unifying concepts Ecology Energy Pyramid, Food web, Biotic, Abiotic, Conservation, Unifying concepts Ecology Energy Pyramid, Food web, Biotic, Abiotic, Conservation, Unifying concepts Ecology Energy Pyramid, Food web, Biotic, Abiotic, Conservation, Unifying concepts Ecology Energy Pyramid, Food web, Biotic, Abiotic, Conservation, Unifying concepts Ecology Energy Pyramid, Food web, Biotic, Abiotic, Conservation, Unifying concepts Ecology Energy Pyramid, Food web, Biotic, Abiotic, Conservation, Unifying concepts	Week	<b>Units Covered</b>	
2 Scientific Process Scientific Method  3 Measurement  4 Cells Parts of cells, functions, specialized cells(tissue, organ),, unicellular/multicellular, structure/function  5 Cells Parts of cells, functions, specialized cells(tissue, organ),, unicellular/multicellular, structure/function  6 Parts of cells, functions, specialized cells(tissue, organ),, unicellular/multicellular, structure/function  7 Diversity Adaptations, Behavior  8 Diversity Adaptations, Behavior  9 Diversity Adaptations, Behavior  10 Ecology Energy Pyramid, Food web, Biotic, Abiotic, Conservation, Unifying concepts Ecology Energy Pyramid, Food web, Biotic, Abiotic, Conservation, Unifying concepts Ecology Energy Pyramid, Food web, Biotic, Abiotic, Conservation, Unifying concepts Ecology Energy Pyramid, Food web, Biotic, Abiotic, Conservation, Unifying concepts Ecology Energy Pyramid, Food web, Biotic, Abiotic, Conservation, Unifying concepts Ecology Energy Pyramid, Food web, Biotic, Abiotic, Conservation, Unifying concepts Ecology Energy Pyramid, Food web, Biotic, Abiotic, Conservation, Unifying	1	Scientific Process	
Scientific Method  Measurement  Cells Parts of cells, functions, specialized cells(tissue, organ),, unicellular/multicellular, structure/function  Cells Parts of cells, functions, specialized cells(tissue, organ),, unicellular/multicellular, structure/function  Cells Parts of cells, functions, specialized cells(tissue, organ),, unicellular/multicellular, structure/function  Cells Parts of cells, functions, specialized cells(tissue, organ),, unicellular/multicellular, structure/function  Diversity Adaptations, Behavior  Diversity Adaptations, Behavior  Diversity Adaptations, Behavior  Ecology Energy Pyramid, Food web, Biotic, Abiotic, Conservation, Unifying concepts Ecology Energy Pyramid, Food web, Biotic, Abiotic, Conservation, Unifying concepts Ecology Energy Pyramid, Food web, Biotic, Abiotic, Conservation, Unifying concepts Ecology Energy Pyramid, Food web, Biotic, Abiotic, Conservation, Unifying concepts		Scientific Method	
A Cells Parts of cells, functions, specialized cells(tissue, organ),, unicellular/multicellular, structure/function Cells Parts of cells, functions, specialized cells(tissue, organ),, unicellular/multicellular, structure/function Cells Parts of cells, functions, specialized cells(tissue, organ),, unicellular/multicellular, structure/function Cells Parts of cells, functions, specialized cells(tissue, organ),, unicellular/multicellular, structure/function Diversity Adaptations, Behavior  Diversity Adaptations, Behavior  Diversity Adaptations, Behavior  Ecology Energy Pyramid, Food web, Biotic, Abiotic, Conservation, Unifying concepts Ecology Energy Pyramid, Food web, Biotic, Abiotic, Conservation, Unifying concepts Ecology Energy Pyramid, Food web, Biotic, Abiotic, Conservation, Unifying concepts Ecology Energy Pyramid, Food web, Biotic, Abiotic, Conservation, Unifying	2	Scientific Process	
4 Cells Parts of cells, functions, specialized cells(tissue, organ),, unicellular/multicellular, structure/function  5 Cells Parts of cells, functions, specialized cells(tissue, organ),, unicellular/multicellular, structure/function  6 Cells Parts of cells, functions, specialized cells(tissue, organ),, unicellular/multicellular, structure/function  7 Diversity Adaptations, Behavior  8 Diversity Adaptations, Behavior  9 Diversity Adaptations, Behavior  10 Ecology Energy Pyramid, Food web, Biotic, Abiotic, Conservation, Unifying concepts  11 Ecology Energy Pyramid, Food web, Biotic, Abiotic, Conservation, Unifying concepts  12 Ecology Energy Pyramid, Food web, Biotic, Abiotic, Conservation, Unifying Concepts Ecology Energy Pyramid, Food web, Biotic, Abiotic, Conservation, Unifying Concepts  12 Ecology Energy Pyramid, Food web, Biotic, Abiotic, Conservation, Unifying		Scientific Method	
Parts of cells, functions, specialized cells(tissue, organ),, unicellular/multicellular, structure/function  Cells Parts of cells, functions, specialized cells(tissue, organ),, unicellular/multicellular, structure/function  Cells Parts of cells, functions, specialized cells(tissue, organ),, unicellular/multicellular, structure/function  Diversity Adaptations, Behavior  Diversity Adaptations, Behavior  Diversity Adaptations, Behavior  Ecology Energy Pyramid, Food web, Biotic, Abiotic, Conservation, Unifying concepts  Ecology Energy Pyramid, Food web, Biotic, Abiotic, Conservation, Unifying concepts  Ecology Energy Pyramid, Food web, Biotic, Abiotic, Conservation, Unifying concepts  Ecology Energy Pyramid, Food web, Biotic, Abiotic, Conservation, Unifying concepts  Ecology Energy Pyramid, Food web, Biotic, Abiotic, Conservation, Unifying concepts  Ecology Energy Pyramid, Food web, Biotic, Abiotic, Conservation, Unifying Concepts  Ecology Energy Pyramid, Food web, Biotic, Abiotic, Conservation, Unifying Concepts	3	Measurement	
Parts of cells, functions, specialized cells(tissue, organ),, unicellular/multicellular, structure/function  Cells Parts of cells, functions, specialized cells(tissue, organ),, unicellular/multicellular, structure/function  Cells Parts of cells, functions, specialized cells(tissue, organ),, unicellular/multicellular, structure/function  Diversity Adaptations, Behavior  Diversity Adaptations, Behavior  Diversity Adaptations, Behavior  Ecology Energy Pyramid, Food web, Biotic, Abiotic, Conservation, Unifying concepts  Ecology Energy Pyramid, Food web, Biotic, Abiotic, Conservation, Unifying concepts  Ecology Energy Pyramid, Food web, Biotic, Abiotic, Conservation, Unifying concepts  Ecology Energy Pyramid, Food web, Biotic, Abiotic, Conservation, Unifying concepts  Ecology Energy Pyramid, Food web, Biotic, Abiotic, Conservation, Unifying concepts  Ecology Energy Pyramid, Food web, Biotic, Abiotic, Conservation, Unifying Concepts  Ecology Energy Pyramid, Food web, Biotic, Abiotic, Conservation, Unifying Concepts	4	Cells	
unicellular/multicellular, structure/function  Cells Parts of cells, functions, specialized cells(tissue, organ),, unicellular/multicellular, structure/function  Cells Parts of cells, functions, specialized cells(tissue, organ),, unicellular/multicellular, structure/function  Diversity Adaptations, Behavior  Diversity Adaptations, Behavior  Diversity Adaptations, Behavior  Ecology Energy Pyramid, Food web, Biotic, Abiotic, Conservation, Unifying concepts Ecology Energy Pyramid, Food web, Biotic, Abiotic, Conservation, Unifying concepts Ecology Energy Pyramid, Food web, Biotic, Abiotic, Conservation, Unifying concepts Ecology Energy Pyramid, Food web, Biotic, Abiotic, Conservation, Unifying concepts Ecology Energy Pyramid, Food web, Biotic, Abiotic, Conservation, Unifying Concepts Ecology Energy Pyramid, Food web, Biotic, Abiotic, Conservation, Unifying Ecology Energy Pyramid, Food web, Biotic, Abiotic, Conservation, Unifying			
5 Cells Parts of cells, functions, specialized cells(tissue, organ),, unicellular/multicellular, structure/function  6 Cells Parts of cells, functions, specialized cells(tissue, organ),, unicellular/multicellular, structure/function  7 Diversity Adaptations, Behavior  8 Diversity Adaptations, Behavior  9 Diversity Adaptations, Behavior  10 Ecology Energy Pyramid, Food web, Biotic, Abiotic, Conservation, Unifying concepts  11 Ecology Energy Pyramid, Food web, Biotic, Abiotic, Conservation, Unifying concepts  12 Ecology Energy Pyramid, Food web, Biotic, Abiotic, Conservation, Unifying concepts Ecology Energy Pyramid, Food web, Biotic, Abiotic, Conservation, Unifying concepts Ecology Energy Pyramid, Food web, Biotic, Abiotic, Conservation, Unifying			
Parts of cells, functions, specialized cells(tissue, organ),, unicellular/multicellular, structure/function  Cells Parts of cells, functions, specialized cells(tissue, organ),, unicellular/multicellular, structure/function  Diversity Adaptations, Behavior  Biversity Adaptations, Behavior  Diversity Adaptations, Behavior  Ecology Energy Pyramid, Food web, Biotic, Abiotic, Conservation, Unifying concepts Ecology Energy Pyramid, Food web, Biotic, Abiotic, Conservation, Unifying concepts Ecology Energy Pyramid, Food web, Biotic, Abiotic, Conservation, Unifying concepts Ecology Energy Pyramid, Food web, Biotic, Abiotic, Conservation, Unifying concepts Ecology Energy Pyramid, Food web, Biotic, Abiotic, Conservation, Unifying	5	·	
unicellular/multicellular, structure/function  Cells Parts of cells, functions, specialized cells(tissue, organ),, unicellular/multicellular, structure/function  Diversity Adaptations, Behavior  Biversity Adaptations, Behavior  Diversity Adaptations, Behavior  Ecology Energy Pyramid, Food web, Biotic, Abiotic, Conservation, Unifying concepts Ecology Energy Pyramid, Food web, Biotic, Abiotic, Conservation, Unifying concepts Ecology Energy Pyramid, Food web, Biotic, Abiotic, Conservation, Unifying concepts Ecology Energy Pyramid, Food web, Biotic, Abiotic, Conservation, Unifying concepts Ecology Energy Pyramid, Food web, Biotic, Abiotic, Conservation, Unifying			
Cells Parts of cells, functions, specialized cells(tissue, organ),, unicellular/multicellular, structure/function  Diversity Adaptations, Behavior  Diversity Adaptations, Behavior  Diversity Adaptations, Behavior  Ecology Energy Pyramid, Food web, Biotic, Abiotic, Conservation, Unifying concepts Energy Pyramid, Food web, Biotic, Abiotic, Conservation, Unifying concepts Ecology Energy Pyramid, Food web, Biotic, Abiotic, Conservation, Unifying concepts Ecology Energy Pyramid, Food web, Biotic, Abiotic, Conservation, Unifying Concepts Ecology Energy Pyramid, Food web, Biotic, Abiotic, Conservation, Unifying Ecology Energy Pyramid, Food web, Biotic, Abiotic, Conservation, Unifying		, , , , , , , , , , , , , , , , , , , ,	
Parts of cells, functions, specialized cells(tissue, organ),, unicellular/multicellular, structure/function  7 Diversity Adaptations, Behavior  8 Diversity Adaptations, Behavior  9 Diversity Adaptations, Behavior  10 Ecology Energy Pyramid, Food web, Biotic, Abiotic, Conservation, Unifying concepts  11 Ecology Energy Pyramid, Food web, Biotic, Abiotic, Conservation, Unifying concepts  12 Ecology Energy Pyramid, Food web, Biotic, Abiotic, Conservation, Unifying Concepts  12 Ecology Energy Pyramid, Food web, Biotic, Abiotic, Conservation, Unifying Concepts Ecology Energy Pyramid, Food web, Biotic, Abiotic, Conservation, Unifying	6		
unicellular/multicellular, structure/function  Diversity Adaptations, Behavior  Biversity Adaptations, Behavior  Diversity Adaptations, Behavior  Diversity Adaptations, Behavior  Ecology Energy Pyramid, Food web, Biotic, Abiotic, Conservation, Unifying concepts  Ecology Energy Pyramid, Food web, Biotic, Abiotic, Conservation, Unifying concepts  Ecology Energy Pyramid, Food web, Biotic, Abiotic, Conservation, Unifying concepts  Ecology Energy Pyramid, Food web, Biotic, Abiotic, Conservation, Unifying Concepts  Ecology Energy Pyramid, Food web, Biotic, Abiotic, Conservation, Unifying			
7 Diversity Adaptations, Behavior  8 Diversity Adaptations, Behavior  9 Diversity Adaptations, Behavior  10 Ecology Energy Pyramid, Food web, Biotic, Abiotic, Conservation, Unifying concepts  11 Ecology Energy Pyramid, Food web, Biotic, Abiotic, Conservation, Unifying concepts  12 Ecology Energy Pyramid, Food web, Biotic, Abiotic, Conservation, Unifying concepts  12 Ecology Energy Pyramid, Food web, Biotic, Abiotic, Conservation, Unifying			
Adaptations, Behavior  Biversity Adaptations, Behavior  Diversity Adaptations, Behavior  Diversity Adaptations, Behavior  Ecology Energy Pyramid, Food web, Biotic, Abiotic, Conservation, Unifying concepts  Ecology Energy Pyramid, Food web, Biotic, Abiotic, Conservation, Unifying concepts  Ecology Energy Pyramid, Food web, Biotic, Abiotic, Conservation, Unifying concepts  Ecology Energy Pyramid, Food web, Biotic, Abiotic, Conservation, Unifying	7	,	
B Diversity Adaptations, Behavior  Diversity Adaptations, Behavior  Ecology Energy Pyramid, Food web, Biotic, Abiotic, Conservation, Unifying concepts Ecology Energy Pyramid, Food web, Biotic, Abiotic, Conservation, Unifying concepts Ecology Energy Pyramid, Food web, Biotic, Abiotic, Conservation, Unifying concepts Ecology Energy Pyramid, Food web, Biotic, Abiotic, Conservation, Unifying	,	· · · · · · · · · · · · · · · · · · ·	
Adaptations, Behavior  Diversity Adaptations, Behavior  Ecology Energy Pyramid, Food web, Biotic, Abiotic, Conservation, Unifying concepts  Ecology Energy Pyramid, Food web, Biotic, Abiotic, Conservation, Unifying concepts  Ecology Energy Pyramid, Food web, Biotic, Abiotic, Conservation, Unifying concepts  Ecology Energy Pyramid, Food web, Biotic, Abiotic, Conservation, Unifying		Adaptations, Benavior	
Diversity Adaptations, Behavior  Ecology Energy Pyramid, Food web, Biotic, Abiotic, Conservation, Unifying concepts  Energy Pyramid, Food web, Biotic, Abiotic, Conservation, Unifying concepts  Energy Pyramid, Food web, Biotic, Abiotic, Conservation, Unifying concepts  Ecology Energy Pyramid, Food web, Biotic, Abiotic, Conservation, Unifying	8	Diversity	
Adaptations, Behavior  Ecology Energy Pyramid, Food web, Biotic, Abiotic, Conservation, Unifying concepts  Ecology Energy Pyramid, Food web, Biotic, Abiotic, Conservation, Unifying concepts  Ecology Energy Pyramid, Food web, Biotic, Abiotic, Conservation, Unifying concepts  Ecology Energy Pyramid, Food web, Biotic, Abiotic, Conservation, Unifying		Adaptations, Behavior	
Ecology Energy Pyramid, Food web, Biotic, Abiotic, Conservation, Unifying concepts  Ecology Energy Pyramid, Food web, Biotic, Abiotic, Conservation, Unifying concepts  Ecology Energy Pyramid, Food web, Biotic, Abiotic, Conservation, Unifying Energy Pyramid, Food web, Biotic, Abiotic, Conservation, Unifying	9	Diversity	
Energy Pyramid, Food web, Biotic, Abiotic, Conservation, Unifying concepts  Ecology Energy Pyramid, Food web, Biotic, Abiotic, Conservation, Unifying concepts  Ecology Energy Pyramid, Food web, Biotic, Abiotic, Conservation, Unifying Concepts  Ecology Energy Pyramid, Food web, Biotic, Abiotic, Conservation, Unifying		Adaptations, Behavior	
Energy Pyramid, Food web, Biotic, Abiotic, Conservation, Unifying concepts  Ecology Energy Pyramid, Food web, Biotic, Abiotic, Conservation, Unifying concepts  Ecology Energy Pyramid, Food web, Biotic, Abiotic, Conservation, Unifying Concepts  Ecology Energy Pyramid, Food web, Biotic, Abiotic, Conservation, Unifying	10	Ecology	
concepts  Ecology Energy Pyramid, Food web, Biotic, Abiotic, Conservation, Unifying concepts  Ecology Energy Pyramid, Food web, Biotic, Abiotic, Conservation, Unifying		•	
Ecology Energy Pyramid, Food web, Biotic, Abiotic, Conservation, Unifying concepts  Ecology Energy Pyramid, Food web, Biotic, Abiotic, Conservation, Unifying			
Energy Pyramid, Food web, Biotic, Abiotic, Conservation, Unifying concepts  Ecology Energy Pyramid, Food web, Biotic, Abiotic, Conservation, Unifying	11	•	
concepts  Ecology Energy Pyramid, Food web, Biotic, Abiotic, Conservation, Unifying			
Ecology Energy Pyramid, Food web, Biotic, Abiotic, Conservation, Unifying			
Energy Pyramid, Food web, Biotic, Abiotic, Conservation, Unifying	12	•	
	_		
CONCEDIS		concepts	

## 2<sup>nd</sup> Trimester Pacing Guide

Content Area	Science	School: Butler County Middle School
Grade Level	6 <sup>th</sup> Grade	·

Week	Units Covered	
13	Geology	
	Rock Cycle, Layers of the Earth, Constructive/Destructive Forces,	
	Earthquakes, Faults, Volcano, Landform formation	
14	Geology	
	Rock Cycle, Layers of the Earth, Constructive/Destructive Forces,	
	Earthquakes, Faults, Volcano, Landform formation	
15	Geology	
	Rock Cycle, Layers of the Earth, Constructive/Destructive Forces,	
	Earthquakes, Faults, Volcano, Landform formation	
16	Earth System	
	Climate, Seasons, Sun's Energy, Tide, Unifying Concepts	
17	Earth System	
	Climate, Seasons, Sun's Energy, Tide, Unifying Concepts	
18	Earth System	
	Climate, Seasons, Sun's Energy, Tide, Unifying Concepts	
19	Structure and Formation of Matter (Chemistry)	
	Solutions, Mixtures, Unifying Concepts	
20	Structure and Formation of Matter (Chemistry)	
	Solutions, Mixtures, Unifying Concepts	
21	Structure and Formation of Matter (Chemistry)	
	Solutions, Mixtures, Unifying Concepts	
22	Structure and Formation of Matter (Chemistry)	
	Physical and Chemical Properties of Matter	
23	Structure and Formation of Matter (Chemistry)	
	Physical and Chemical Properties of Matter	
24	Structure and Formation of Matter (Chemistry)	
	Physical and Chemical Properties of Matter	

## 3<sup>rd</sup> Trimester Pacing Guide

Content Area	Science	School: Butler County Middle Schoo	
Grade Level	6 <sup>th</sup> Grade	•	

Week	Units Covered
25	Physics
	Motion/ Energy Transformations, Newton's Laws
26	Physics
	Motion/ Energy Transformations, Newton's Laws
27	Physics
	Motion/ Energy Transformations, Newton's Laws
28	Physics
	Forces and Energy Transfer, Balanced and Unbalanced Forces
29	Physics
	Forces and Energy Transfer, Balanced and Unbalanced Forces
30	Electricity & Magnetism
31	Electricity & Magnetism
32	Earth and Space
	Seasons, eclipses, phases, solar systems, constellations
33	Earth and Space
	Seasons, eclipses, phases, solar systems, constellations
34	Earth and Space
	Seasons, eclipses, phases, solar systems, constellations
35	Earth and Space
	Seasons, eclipses, phases, solar systems, constellations
36	Earth and Space
	Seasons, eclipses, phases, solar systems, constellations

<sup>\*\*</sup>IOrder of content is subject to change; due to events, school cancelations, learning pace, etc.