



SCIENCE PACING GUIDE

7th GRADE

FIRST QUARTER		
Pearson Lesson(s)	Pacing	Topics
LS1- From Molecules to Organisms: Structures and Processes		
Chapter 5 Lesson 2	2 weeks	<ul style="list-style-type: none"> 7.LS1.1- Cell Structure and Function
Chapter 5 Lesson 1	1 week	<ul style="list-style-type: none"> 7.LS1.3-Similarities of cells across kingdoms
Chapter 5 Lesson 2	1 week	<ul style="list-style-type: none"> 7.LS1.4- Levels of Organization
Chapter 5 Lesson 4	1 week	<ul style="list-style-type: none"> 7.LS1.2- Osmosis and Diffusion
Chapter 6 Lessons 1 and 2	1 week	<ul style="list-style-type: none"> 7.LS1.9-Photosynthesis and Respiration
LS2- Ecosystems Interactions, Energy, and Dynamics		
Chapter 6 Lessons 1 and 2	1 weeks	<ul style="list-style-type: none"> 7.LS2.1-Carbon Dioxide and Oxygen exchange within an ecosystem
Chapter 5 Review pages 200-203	2 weeks	<ul style="list-style-type: none"> Review/Testing

SECOND QUARTER		
Pearson Lesson(s)	Pacing	Topics
LS1- From Molecules to Organisms: Structures and Processes		
Chapter 6 Lesson 3	2 weeks	<ul style="list-style-type: none"> • 7.LS1.8-Mitosis
LS3- Heredity		
Chapter 7 Lesson 4	1 week	<ul style="list-style-type: none"> • 7.LS3.2-Mitosis vs Meiosis
LS1- From Molecules to Organisms: Structures and Processes		
Chapter 10 Lesson 5	1 week	<ul style="list-style-type: none"> • 7.LS1.7- Sexual/Asexual Reproduction
LS3- Heredity		
Chapter 7 Lessons 1 and 2	2 weeks	<ul style="list-style-type: none"> • 7.LS3.3-Punnett Squares
Chapter 8 Lesson 3	2 weeks	<ul style="list-style-type: none"> • 7.LS3.1-Genetic Mutations
Chapter 6 Review pages 234-237, Chapter 7 Review pages 272-275	1 week	<ul style="list-style-type: none"> • Review/Testing

THIRD QUARTER		
Pearson Lesson(s)	Pacing	Topics
LS1- From Molecules to Organisms: Structures and Processes		
Chapter 11 Lessons 1 and 2	2 weeks	<ul style="list-style-type: none"> • 7.LS1.5-Body Systems
Chapter 9 Lessons 3 and 5 Chapter 10 Lessons 3-6	1 week	<ul style="list-style-type: none"> • 7.LS1.6- Behavioral and Structural Adaptations
PS1- Matter and Interactions		
Chapter 3 Lesson 1	1 week	<ul style="list-style-type: none"> • 7.PS1.1-Structure of Atoms
Chapter 2 Lessons 1 and 2	1 week	<ul style="list-style-type: none"> • 7.PS1.6-States of matter
Chapter 3 Lessons 2 -4	2 weeks	<ul style="list-style-type: none"> • 7.PS1.5-Periodic table & Ionic/Covalent Bonds
Chapter 3 Lesson 4 And Chapter 1 Lesson 2	1 week	<ul style="list-style-type: none"> • 7.PS1.2-Compare elemental molecules and compound molecules • 7.PS1.3-Classify matter as pure or mixture
	1 week	<ul style="list-style-type: none"> • Review/Testing

FOURTH QUARTER		
Pearson Lesson(s)	Pacing	Topics
PS1- Matter and Interactions		
Chapter 4 Lesson 2	2 weeks	<ul style="list-style-type: none"> 7.PS1.4-Balancing equations/Law of Conservation of Mass
ESS3- Earth and Space Science		
Chapter 13 Lesson 1	1 week	<ul style="list-style-type: none"> 7.ESS3.1-Graph atmospheric gas mixture and discuss potential for change
Chapter 14 Lessons 1 and 2	1 week	<ul style="list-style-type: none"> 7.ESS3.2-Human activity and climate
ETS2: Links to Engineering, Technology, Science, and Society		
Embedded/Not Directly Addressed by Pearson text	1 week	<ul style="list-style-type: none"> 7.ETS2.1-Solve a problem relating to the medical field (Bioengineering)
	4 weeks	<ul style="list-style-type: none"> Review/Testing
		Teacher to Follow State Policy and Procedure.
		Teacher to use Curriculum determined by the Bartlett Municipal Schools.