Rowan-Salisbury Schools Science Pacing Guides 2024-25
North Carolina Standard Course of Study

Course: Chemistry

Unit 1	Unit 2	Unit 3	Unit 4	Unit 5	Unit 6	Unit 7	Review
Atom and Nuclear	**Periodic Table**	**Chemical Compounds**	**Chemical Reaction**	**Reaction Rates & Equilibrium**	**Acids, Bases, and Solutions**	**Thermodynamics & Phase Changes**	**Review**
12 days	6 days	17 days	10 days	8 days	10 days	10 days	4 days
Focus Standards:	**Focus Standards:**	**Focus Standards:**	**Focus Standards:**	**Focus Standards:**	**Focus Standards:**	**Focus Standards:**	[NC K-12 Science Standards Resource Hub] [Chemistry Support Documents]
Chm 1	**Chm 2**	**Chm 3**	**Chm 4**	**Chm 5**	**Chm 6**	**Chm 7**	
Objectives	**Objectives**	**Objectives**	**Objectives**	**Objectives**	**Objectives**	**Objectives**	
Chm 1.1 **Chm 1.2** **Chm 1.3**	**Chm 2.1** **Chm 2.2**	**Chm 3.1** **Chm 3.2** **Chm 3.3** **Chm 4.3**	**Chm 4.1** **Chm 4.2** **Chm 4.4**	**Chm 5.1** **Chm 5.2**	**Chm 6.1** **Chm 6.2** **Chm 6.3**	**Chm 7.1** **Chm 7.2** **Chm 7.3**	
Phenomenon Focus for Unit 1: **Steel Wool Combustion - How does a metal burn?**	**Phenomenon For Unit 2:** **Element 120 - Where would you put a new element?**	**Phenomenon For Unit 3:** **Symposium on "The materials that made us"**	**Phenomenon For Unit 4:** **Ocean Acidification and a Reaction Gauntlet**	**Phenomenon For Unit 5:** **This unit's standards are split between 4 and 6**	**Phenomenon For Unit 6:** **Chrystal Competition: Creating the largest Rock Candy Chrystals**	**Phenomenon For Unit 7:** **Aerogels on Mars: Why are aerogels amazing?** [Article]	

[Pacing Guide Feedback Form] [The Understory Project]

Revised July 2024

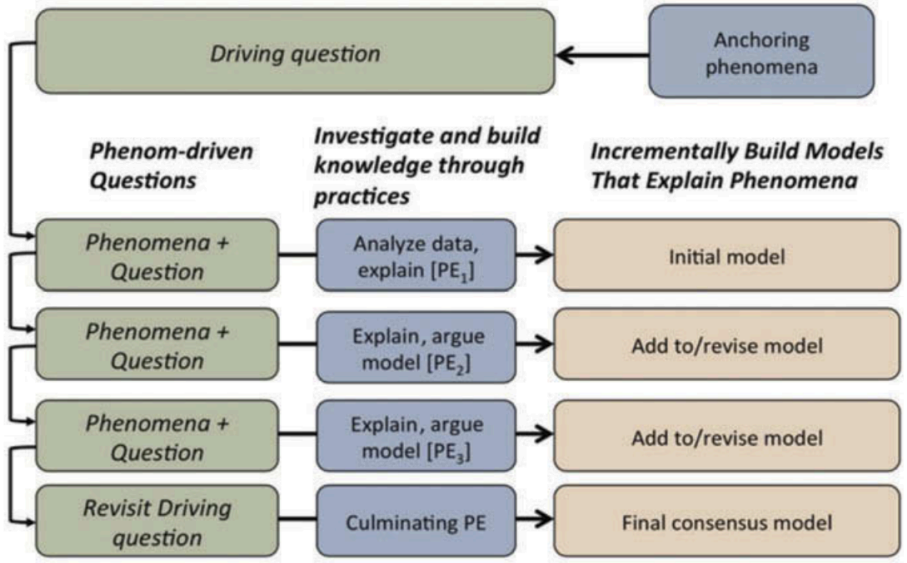

FIGURE 1 Blank *Storyline* tool (from Reiser, 2014). PE = performance expectation.