Pre-Kindergarten Science Year-at-a-Glance

This Year-At-A-Glance document is intended to provide chunks, in a logical and progressive manner, of what is expected for students to know and be able to do over the course of a year. It serves as a suggested timeline for planning, but the focus remains on the learner and should not be viewed as a coverage of content. Through ongoing monitoring of student progress, adjustments need to be made to provide students the necessary supports in order to reach the year-end learning goals.

Definitions

- **Essential Standards:** Students must know and have mastered these standards by the end of each school year in order to be prepared to enter the next grade level or course. The determining elements for essential standards include endurance, leverage, and readiness.
    - *Endurance*: The standard is a prerequisite for learning in other grade level(s) or course(s).
    - *Leverage*: The standard connects to multiple subject areas.
    - *Readiness*: The standard is pivotal for students to master so they can be successful in school and life.
- **Recurring Standards**: Any standard that is bold and italicized identifies standards that are recurring, meaning they have been addressed at some point during the course of the year and prior to that unit.
- **Applying Standards:** Students will apply standards they learned in ELA and Math in their Science lessons.

Quarter Addressed	Major Concepts/Targets	Standards	
		Essential Standards	Applying English Language Arts and Mathematics Standards
1st Quarter	**Unit 1A** Science Safety, Lab Procedures, & Senses Safari 4.5 Weeks	PK.S.1 PK.S.2 PK.S.3 PK.S.4 PK.S.5 PK.S.6	**ELA** PK.1.R.2, PK.1.R.3, PD.1.R.4, PK.1.W.1, PK.1.W.2 PK.2PC.1, PK.2.PWS.1, PK.2.PWS.2, PK.2.R, PK.2.W PK.3.R.4, PK.3.W PK.4.R.1, PK.4.R.2, PK.4.W1, PK.4.W2 PK.5.R.1, PK.5.R.2, PK.5.R.3 PK.6.R, PK.8.R, PK.8.W **Math** PK.D.1, PK.GM.1, PK.N.1, PK.N.2
	Unit 1B How to Build a Human 5 Weeks	PK.S.1 PK.S.2 PK.S.3 PK.S.4 PK.S.5	**ELA** PK.1.R.1, PK.1.R.2, PK.1.R.3, PK.1.R.4, PK.1.W.2 PK.2.PC.1, PK.2.PWS.1, PK.2.PWS.2, PK.2.W PK.3.R.4, PK.3.W PK.4.R.1, PK.4.R.2, PK.4.W.1 PK.5.R1, PK.5.R.2, PK.5.R.3 PK.6.R, PK.8.R, PK.8.W **Math** PK.GM.1, PK.N.2

2nd Quarter	**Unit 2A** Ultimate Game Day 4 Weeks	PK.S.1 PK.S.2 PK.S.3 PK.S.4 PK.S.5 PK.S.6	**ELA** PK.1.R.1, PK.1.R.2, PK.1.R.3, PK.1.R.4, PK.1.W.1 PK.2.PC.1, PK.2.PWS.1, PK.2.PWS.2, PK.2.R, PK.2.W PK.3.R.3, PK.3.R.4, PK.3.W PK.4.R.1, PK.4.R.2, PK.4.W.1, PK.4.W.2 PK.5.R.1, PK.5.R.2, PK.5.R.3 PK.6.R, PK.8.R, PK.8.W **Math** PK.D.1, PK.N.1, PK.N.3
	Unit 2B Weather Explorers 4 Weeks	PK.S.1 PK.S.2 PK.S.3 PK.S.4 PK.S.5 PK.S.6	**ELA** PK.1.R.2, PK.1.R.3, PK.1.R.4, PK.1.W.2 PK.2.PC.1, PK.2.PWS.2, PK.2.PWS.2, PK.2.W PK.3.R.3, PK.3.R.3, PK.3.W PK.4.R.1, PK.4.R.2, PK.4.W.1, PK.4.W.2 PK.5.R.1, PK.5.R.2, PK.5.R.3 PK.6.R, PK.8.R, PK.8.W **Math** PK.D.1, PK.N.1, PK.N.2, PK.N.3
3rd Quarter	**Unit 3A** Shipwreck Island 4 Weeks	PK.S.1 PK.S.2 PK.S.3 PK.S.4 PK.S.5 PK.S.6	**ELA** PK.1.R.2, PK.1.R.3, Pk.1.R.4, PK.1.W.1, PK.1.W.2 PK.2.Pc.1, PK.2.PWS.1, PK.2.PWS.2, PK.2.R, PK.2.W PK.3.R.3, PK.3.R.4, PK.3.W PK.4.R.1, PK.4.R.2, PK.4.W.1, PK.4.W.2 PK.5.R.1, PK.5.R.2, PK.5.R.3 PK.6.R, PK.8.R, PK.8.W **Math** PK.D.1, PK.GM.1, PK.N.1, PK.N.2, PK.N.3
	Unit 3B Life on a Farm 4 Weeks	PK.S.1 PK.S.2 PK.S.3 PK.S.4 PK.S.5 PK.S.6	**ELA** PK.1.R.2, PK.1.R.3, PK.1,R.4, PK.1.W.2 PK.2.PC.1, PK.2.PWS.1, PK.2.PWS.2, PK.2.W PK.3.R.3, PK.3.R.4, PK.3.W PK.4.R.1, PK.4.R.2, PK.4.W.1, PK.4.W.2 PK.5.R.1, PK.5.R.2, PK.5.R.3, PK.6.R, PK.8.R, PK.8.W **Math** PK.D.1, PK.GM.1
4th Quarter	**Unit 4A** Ocean Deep	PK.S.1 PK.S.2 PK.S.3	**ELA** PK.1.R.2, PK.1.R.3, PK.1.R.4, PK.1.W.2 PK.2.PC.1, PK.2.PWS.1, PK.2.PWS.2, PK.2.W

	4 Weeks	PK.S.4 PK.S.5 PK.S.6	PK.3.R.3, PK.3.R.4, PK.3.W PK.4.R.1, PK.4.R.2, PK.4.W.1, PK.4.E.2 PK.5.R.1, PK.5.R.2, PK.5.R.3 PK.6.R, PK.8.R, PK.8.W **Math** PK.D.1, PK.N.1, PK.N.2, PK.N.3
	Unit 4B Space Adventure 3 Weeks	PK.S.1 PK.S.2 PK.S.3 PK.S.4 PK.S.5 PK.S.6	**ELA** PK.1.R.1,PK.1.R.2, PK.1.R.3, PK.1.R.4, PK.1.W.2 PK.2.PC.1, PK.2.PwS.1, PK.2.PWS.2, PK.PWS.1, PK.2.PWS.2, PK.2.W PK.3.R.4, PK.3.W PK.4.R.1, PK.4.R.2, PK.4.W.1, PK.4.W.2 PK.5.R.1, PK.5.R.2, PK.5.R.3 PK.6.R, PK.8.R, PK.8.W **Math** PK.GM.1, PK.GM.2, PK.N.1, PK.N.2, PK.N.3