Grade Two Science Course Description

Instructional Practices
Teaching from a range of complex text is optimized when teachers in all subject areas implement the following strategies on a routine basis:

1. Ensuring wide reading from complex text that varies in length.
2. Making close reading and rereading of texts central to lessons.
3. Emphasizing text-specific complex questions, and cognitively complex tasks, reinforce focus on the text and cultivate independence.
4. Emphasizing students supporting answers based upon evidence from the text.
5. Providing extensive research and writing opportunities (claims and evidence).

Science and Engineering Practices (NRC *Framework for K-12 Science Education, 2010*)

- Asking questions (for science) and defining problems (for engineering).
- Developing and using models.
- Planning and carrying out investigations.
- Analyzing and interpreting data.
- Using mathematics, information and computer technology, and computational thinking.
- Constructing explanations (for science) and designing solutions (for engineering).
- Engaging in argument from evidence.
- Obtaining, evaluating, and communicating information.

English Language Development ELD Standards Special Notes Section:

Teachers are required to provide listening, speaking, reading and writing instruction that allows English language learners (ELL) to communicate information,

Practice of Science

Learning Progression for Grade Five FSSA					
SC.K.N.1.1	SC.1.N.1.1				
SC.K.N.1.2					
	SC.1.N.1.2				
SC.K.N.1.3					
SC.K.N.1.4					
	SC.1.N.1.3				
SC.K.N.1.5					
	SC.1.N.1.4				
	SC.1.E.5.3				

Earth's Surface and Weather: Weather			Pacing: 4 weeks
Standards		**Learning Goals (I can...)**	**Vocabulary**
_____ **Compare describe** _____ **Investigate** _____ **Investigate, observe describe** _____ **Investigate** _____ **State** _____ **Measure compare**		x x x x x	
Pearson Elevate Science	**Essential Questions**	**Suggested Resources**	**Extensions for STEM**
	x		

Learning Progression for Grade Five FSSA					

SC.K.P.8.1 SC.1.P.8.1

SC.1.1e. tg6-45.6 (a)-18.[t)-11.34 ( )-30.h (u)-3.o (x)-1. (5)-15. m (x)95.6 (a)-83.4 (5)-27.n (u)-3.i (l)-26.f[t)--3.i (l)-26.3 (er)-27.s(ha)-15. m (x)45.6 (4)-29.k2 (4 32.5 ( )-24.4 ( )]TJ0.01 Tc -0.004 Tw 0 -1.242 TD[.1)-2h

Changing Matter		Pacing: 5 weeks
Standard	**Learning Goal (I can...)**	**Vocabulary**
_____ **Investigate** **Measure compare**		

Energy, Force and Motion: Using Energy			Pacing: 1 Week
Standard		**Learning Goal (I can…)**	**Vocabulary**
_____ Discuss			
Pearson Elevate Science	**Essential Question**	**Suggested Resources**	**Extensions for STEM**

Learning Progression for Grade Five FSSA					

SC.K.E.5.1

Plants and Animals: