Grade Level 8	**Teacher/Room:** Christina Scales/ 149 **Week of:** May 16, 2016

Unit Vocabulary
Cleavage stage, yolk, blastoderm, candling, embryo, albumen, allantois, amnion, humidity. Egg tooth

Monday 5-16-16

CC Standard

S8CS1. Students will explore the importance of curiosity, honesty, openness, and skepticism in science and will exhibit these traits in their own efforts to understand how the world works.

a. Understand the importance of—and keep—honest, clear, and accurate records in science.

b. Understand that hypotheses can be valuable even if they turn out not to be completely accurate.

S8CS3. Students will have the computation and estimation skills necessary for analyzing data and following scientific explanations.

a. Analyze scientific data by using, interpreting, and comparing numbers in several equivalent forms, such as integers, fractions, decimals, and percents.

b. Find the mean, median, and mode and use them to analyze a set of scientific data.

c. Apply the metric system to scientific investigations that include metric to metric conversions (i.e., centimeters to meters).

d. Decide what degree of precision is adequate, and round off appropriately.

e. Address the relationship between accuracy and precision.

f. Use ratios and proportions, including constant rates, in appropriate problems.

	Science	STEM
Instructional Strategies/ Resources Used:	exploration/art/group work/technology	exploration/art/group work/technology
Learning Target	I can collect data and display it.	I can collect data and display it.
Activating:		
Class Activity:	1. Weigh eggs/log in log book 2. Decide on materials used and complete pond and coop material list. 3. Calculate total expenditures.	1. Weigh eggs/log in log book 2. Decide on materials used and complete pond and coop material list. 3. Calculate total expenditures
Assessment	Teacher observation of progress	Teacher Observation of progress
Homework:		
Differentiation:	Peer groups	

Tuesday 5/17/16

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(development of a gas, formation of precipitate, and change in color).

	Science 1st, 2nd, 3rd Block	Stem 4th Block
Instructional Strategies/ Resources Used:	exploration/art/group work/technology	
Learning Target	I can create a model.	I can create a model.
Activating		
Class Activity	Complete pond/coop design blueprint	Complete pond/coop design blueprint
Homework:		
Differentiation:		

Wednesday 5/18/16

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	Science 1st , 2nd, 3rd, Block	Stem 4th Block
Instructional Strategies/ Resources Used:	Student Technology	Student Technology
Learning Target	I can collect and display data.	I can collect and display data.
Activating:	1. Record in log book chronological data of hatchings. 2. Ipad—work on study island	1. Record in log book chronological data of hatchings. 2. Ipad—work on study island
Class Activity:	1. Record in log book chronological data of hatchings. 2. Ipad—work on study island	1. Record in log book chronological data of hatchings. 2. Ipad—work on study island
Assessment:	Study Island report	Study Island Report
Homework:		
Differentiation:		

Thursday 5/19/16

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	Science 1st, 2nd, 3rd Block	Stem 4th Block
Instructional Strategies/ Resources Used:	Interactive notebook	Interactive notebook
Learning Target	I can collect data and display it.	I can collect data and display it.
Activating:		
Class Activity:	1. Organize notebook to be turned in for final assessment. 2. Make sure 9 blogs have been submitted on Duck Blog	1. Organize notebook to be turned in for final assessment. 2. Make sure 9 blogs have been submitted on Duck Blog
Assessment:		
Homework:		
Differentiation:		

Friday 5/20/16

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b. Understand that hypotheses can be valuable even if they turn out not to be completely accurate.

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b. Find the mean, median, and mode and use them to analyze a set of scientific data.

c. Apply the metric system to scientific investigations that include metric to metric conversions (i.e., centimeters to meters).

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	Science 1st Block	Stem 4th Block
Instructional Strategies/ Resources Used:	exploration	Direct instruction/art/group work
Learning Target	I can collect data and display it.	I can collect data and display it.
Activating:		
Class Activity:	1. Log additional hatchings in log book. 2. Classes will take ducklings outside to observe them outdoors. 3. Students will respond via essay their thoughts/feelings about hatching ducks.	4. Log additional hatchings in log book. 5. Classes will take ducklings outside to observe them outdoors. 6. Students will respond via essay their thoughts/feelings about hatching ducks.
Assessment:	essay	essay
Homework:		
Differentiation:		