Grade Level 8	**Teacher/Room:** Christina Scales/ 149 **Week of:** May 9, 2016

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

Monday 5-9-16 (Milestone Testing in morning)

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:	Duck Coop http://www.bing.com/videos/search?q=building+a+duck+coop&adlt=strict&view=detail&mid=834B930244D5CD45370A834B930244D5CD45370A&FORM=VRDGAR Duck Pond http://www.bing.com/videos/search?q=Building+a+Small+Duck+Pond&adlt=strict&view=detail&mid=51C9C89D76709909205F51C9C89D76709909205F&FORM=VRDGAR	Duck Coop http://www.bing.com/videos/search?q=building+a+duck+coop&adlt=strict&view=detail&mid=834B930244D5CD45370A834B930244D5CD45370A&FORM=VRDGAR Duck Pond http://www.bing.com/videos/search?q=Building+a+Small+Duck+Pond&adlt=strict&view=detail&mid=51C9C89D76709909205F51C9C89D76709909205F&FORM=VRDGAR

Class Activity:	1. Introduce duck pond/duck coop project 2. Students will watch videos to determine what materials are needed to construct a coop and pond. 3. Students will work in groups of 2 to design a coop and pond. Diagram must be drawn with dimensions (including area and perimenter). Project will continue throughout the entire week.	1. Introduce duck pond/duck coop project 4. Students will watch videos to determine what materials are needed to construct a coop and pond. 5. Students will work in groups of 2 to design a coop and pond. Diagram must be drawn with dimensions (including area and perimenter). Project will continue throughout the entire week
Assessment	Teacher observation of progress	Teacher Observation of progress
Homework:		
Differentiation:	Peer groups	

Tuesday 5/10/16

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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:		
Learning Target		
Activating		
Class Activity	8th Grade Field Trip.	8th Grade Field Trip.
Homework:		
Differentiation:		

Wednesday 5/3/16

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.

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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).

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	Science 1st , 2nd, 3rd, Block	Stem 4th Block
Instructional Strategies/ Resources Used:	Student Technology/data collection	Student Technology/data collection
Learning Target	I can collect and display data.	I can collect and display data.
Activating:		

Class Activity:	1. Continue planning duck pond and coop by compiling list of materials needed. 2. Begin sketching plan for pond and coop and displaying measurements. 3. Use Ipads to price check materials (if time)	1. Continue planning duck pond and coop by compiling list of materials needed. 2. Begin sketching plan for pond and coop and displaying measurements. 3. Use Ipads to price check materials (if time).
Assessment:	Progress monitor coop/pond project	Progress monitor coop/pond project
Homework:		
Differentiation:		

Thursday 5/11/16

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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.

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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).

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

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

	Science 1st, 2nd, 3rd Block	Stem 4th Block
Instructional Strategies/ Resources Used:	Student technology	Student technology
Learning Target	I can collect data and display it.	I can collect data and display it.
Activating:		

Class Activity:	1. Students will continue coop/pond project. Using computer lab to look up resources. 2. Students will post on duck blog.	1. Students will continue coop/pond project. Using computer lab to look up resources. 2. Students will post on duck blog.
Assessment:		Web Quest Report
Homework:		
Differentiation:		

Friday 5/13/16

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.

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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).

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	Science 1st Block	Stem 4th Block
Instructional Strategies/ Resources Used:	exploration/art/group work/technology	Direct instruction/art/group work
Learning Target	I can collect data and display it.	I can collect data and display it.
Activating:	Duck Coop http://www.bing.com/videos/search?q=building+a+duck+coop&adlt=strict&view=detail&mid=834B930244D5CD45370A834B930244D5CD45370A&FORM=VRDGAR Duck Pond http://www.bing.com/videos/search	Duck Coop http://www.bing.com/videos/search?q=building+a+duck+coop&adlt=strict&view=detail&mid=834B930244D5CD45370A834B930244D5CD45370A&FORM=VRDGAR Duck Pond http://www.bing.com/videos/search?

	?q=Building+a+Small+Duck+Pond&adlt=strict&view=detail&mid=51C9C89D76709909205F51C9C89D76709909205F&FORM=VRDGAR	q=Building+a+Small+Duck+Pond&adlt=strict&view=detail&mid=51C9C89D76709909205F51C9C89D76709909205F&FORM=VRDGAR
Class Activity:	6. Introduce duck pond/duck coop project 7. Students will watch videos to determine what materials are needed to construct a coop and pond. 8. Students will work in groups of 2 to design a coop and pond. Diagram must be drawn with dimensions (including area and perimenter). Project will continue next week.	1. Introduce duck pond/duck coop project 2. Students will watch videos to determine what materials are needed to construct a coop and pond. 3. Students will work in groups of 2 to design a coop and pond. Diagram must be drawnwith dimensions (including area and perimenter). 1. Project will continue next week.
Assessment:	Diagram	Diagram
Homework:		
Differentiation:		