

WEB Middle School Applied Science 2018/2019

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Lessons and assignments are subject to change as needed. Curriculum and materials provided by the American Chemical Society and other scientific publications. Reading and homework assignments will be posted via Google Classroom.

Class No./Date	Topics	Homework/ Reading Due
August 9		
Open House (evening)		
1. August 14	M&M's and the Scientific Method <i>Investigating the scientific method through a sweet classroom experiment</i>	
2. August 21	Scientific Method in the Real World <i>Class experiments assigned (project 1) and exploration of real world examples of the scientific method in action</i>	HW 1 due
3. August 28	Analyzing and Reporting Results from Our Class Experiments	Project 1 due
4. September 4	In-Class Experiment: Magic Milk <i>Hands-on investigation of the scientific method, analyzing independent and dependent variables</i>	
5. September 11	Quiz and an Introduction to the Language of Science	
6. September 18	Measurement and Graphing in Science	
7. September 25	Data Analysis and Communication in Science (project 2 assigned)	
8. October 2	In-Class Communication Project	Project 2 due
October 9		
Fall Break		
9. October 16	Science or pseudoscience? How do we tell?	
10. October 23	Laws, Theories and Hypotheses: Revealing Science through Words	
October 27		
Halloween Party (evening)		
11. October 30	The Flowchart: the Nonlinear Approach to Discovery	
12. November 6	Review. Brainstorming for the Science Fair Begins. Hypothesis project assigned (project 3)	
13. November 13	Quiz and Class Activity	Project 3 due
November 20		
Thanksgiving Break		
14. November 27	Science Fair Prep	
15. December 4	Science Fair Prep	
December 11		
Science Fair (morning)		
December 12- January 7		
Winter Break		
Semester 2 schedule TBA		

