

Scientific Method Activities

- ✓ 3 fun activities to introduce your students to the Scientific Method
- ✓ Students get hands-on experience collecting, displaying, and interpreting data

**NGSS and STEM Aligned –
Scientific Method Project
Based Learning Activity**



Students apply what they are learning/have learned to solving a



**Scientific Method – M&M's Activity
Graphing Experiment**

✓ A fun activity to introduce your students to the Scientific Method

✓ The lab is available in Word and PDF format



TWF

**Paper Airplane
Scientific Method Lab Activity**

Includes:

- An overview of each lab component
- Complete Marking Rubric



TWF

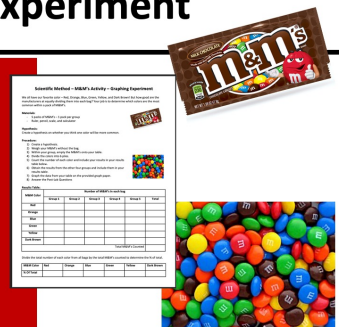
Scientific Method – M&M's Activity

- ✓ How to collect data
- ✓ How to create a hypothesis
- ✓ How to record and represent results using tables and graphs
- ✓ How to interpret results and answer questions based on experimental data

Scientific Method – M&M's Activity
Graphing Experiment

✓ A fun activity to introduce your students to the Scientific Method

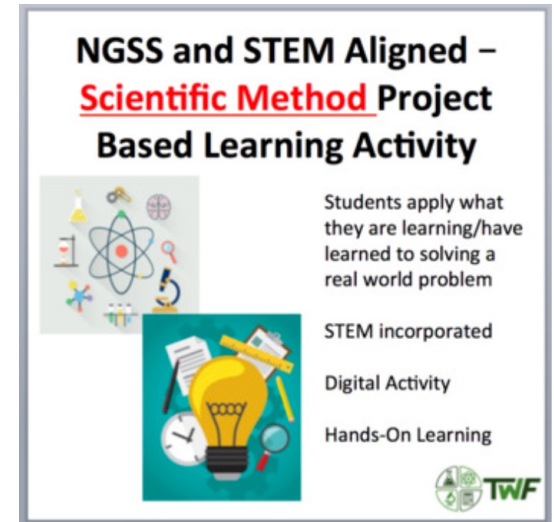
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Scientific Method PBL Activity

- This is an engaging, problem-based inquiry activity that gets your students utilizing the **Scientific Method** to solve a real-life problem and learn to think critically
- Designed for science students in the middle and high school grades
- Uses common experiences and materials to apply your lessons in a meaningful way
- Fully editable and can be uploaded to your class site or printed for students' use



Paper Airplane Lab

- ✓ Students will create various planes in order to test a single variable effect on flying distance
- ✓ Great for inquiry, collaboration, and developing research skills
- ✓ Fully editable Word document which can be altered to fit your students' needs
- ✓ It can be as complicated or simple as you like and works great for students with learning difficulties

