Curriculum Unit Title	Is There a "Scientific Method" to	the Madness?	Author	David Ostheimer
KEY LEARNING, ENDURING UNDERSTANDING, ETC.				
Students will develop critical thinking skills and perseverance in their work by utilizing the Scientific Method n Science class. The Scientific method is: A problem is stated. A hypothesis is formulated. An experiment is conducted. Data are collected. A conclusion is drawn.				
ESSENTIAL QUESTION(S) for the UNIT				
How can the Scientific Method by used by first graders to understand their world.				
CONCEPT A		CONCEPT B		CONCEPT C
How can we use questions to find answers?		Drawing Conclusions		Observation and collecting data
ESSENTIAL QUESTIONS A		ESSENTIAL QUESTIONS B		ESSENTIAL QUESTIONS C
How do we formulate a hypothesis?		We conducted our experiment, why did we get the data we did? How could we get different data?		
VOCABULARY A		VOCABULARY A		VOCABULARY A
Hypothesis, research		Experiment, cocnlusion		Observation, data

ADDITIONAL INFORMATION/MATERIAL/TEXT/FILM/RESOURCES

Kneidel, Sally Stenhouse. Creepy crawlies and the scientific method: more than 100 hands-on science experiments for children.

Levy, Joel. Incredible elements: a totally non-scary guide to chemistry and why it matters.

BBC. "Brian Cox visits the world's biggest vacuum chamber - Human Universe: Episode 4 Preview - BBC Two."