TODAY'S NEWS

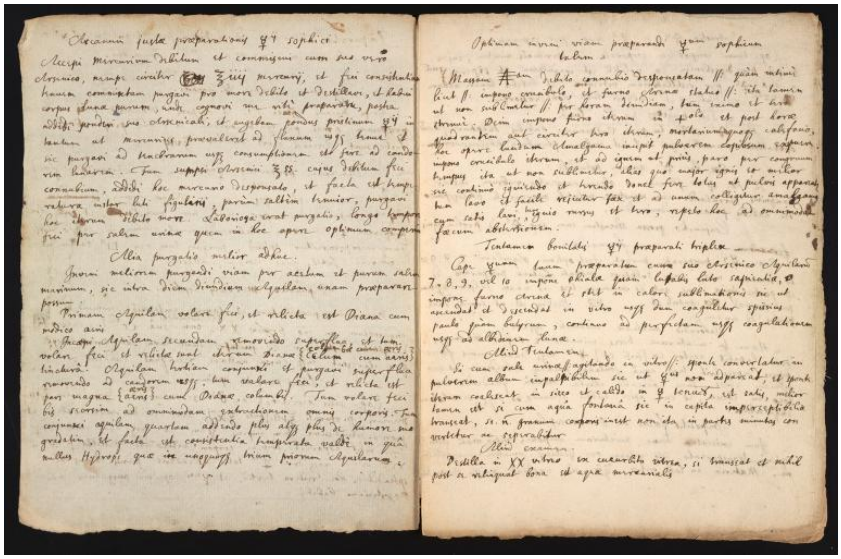
Unit I - Alchemy

Key Concept

Systems are sets of interacting or interdependent components. Systems provide structure and order in human, natural and built environments. Systems can be static or dynamic, simple or complex.

Global Context

Scientific and Technical Innovation Students will explore the natural world and its laws; the interaction between people and the natural world; how humans use their scientific and technological advances on communities and environments; the impact of environments on human activity; how humans adapt environments to their needs.



Isaac Newton's lost Alchemy Recipe

Unit I - Alchemy

After reviewing variables, scientific notation, significant figures, and density, I am thrilled to start Unit I, "Alchemy" and to learn how the Alchemists contributed to the field of Chemistry. Students have completed their first lab, "An Experiment in Alchemy - Copper to Silver to Gold" in which they turned a penny silver and then gold. Students compared the density of their original pennies to the density of their silver and gold pennies to determine if they in fact turned their pennies into silver and gold. They were assigned an article to read with related questions to answer from *Science News* ("The Buck Starts Here, The U.S. Mint performed some neat tricks to make a golden dollar"). Students' next lab will explore the Copper Cycle. Please have students check "Google Classroom" for the most current schedule of assignments, activities, labs and assessments. Please check Power School for recent grades.