I'm A Scientist, Too!
4th grade

Overview
Students are introduced to the process scientists go through to conduct an experiment. They then learn some background information about magnets and conduct a full experiment, using magnets to illustrate the scientific process.

Vocabulary
- **analyze** – examine the data you collected to make conclusions
- **conclusion** - your answer to your hypothesis after all the data is collected
- **data** – information that is collected during an experiment
- **hypothesis** – an intelligent/educated/good guess, your prediction

**NM Science Standards Addressed**
1-1-1-3 Conduct multiple trials to test a prediction, draw logical conclusions, and construct and interpret graphs from measurements.
1-1-2-1 Communicate ideas and present findings about scientific investigations that are open to critique from others.
1-1-3-1 Conduct multiple trials using simple mathematical techniques to make and test predictions.
3-1-1-4 Know that both men and women of all races and social backgrounds choose science as a career.

**CCSS Language Arts Standards Addressed**
SL.4.1 Engage effectively in a range of collaborative discussions (one-on-one, in groups, and teacher-led) with diverse partners on grade 4 topics and texts, building on others' ideas and expressing their own clearly.
SL.4.1.B Follow agreed-upon rules for discussions and carry out assigned roles.
SL.4.1.C Pose and respond to specific questions to clarify or follow up on information, and make comments that contribute to the discussion and link to the remarks of others.