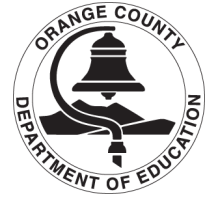




Science Notebooking Classroom Skills



SYNOPSIS

Scientists use notebooks to keep their data and notes organized. It is an important skill that is never too early to start to practice.

OBJECTIVES

Organize data collection and notes to help build science skills.

NGSS CONCEPTS

This is an important skill to help develop the Science and Engineering Practices of NGSS, especially Analyzing and Interpreting Data and Developing and Using Models.

MATERIALS

Composition book or make your own notebook with scratch paper and brads/rubber band and stick/something similar to bind the book

ACTIVITY

- At the beginning of the school year, explain to your students the reasons why they need to use a notebook and how to best use them to be a good scientist and how to set them up.
- Frequently look at the notebooks and give students feedback on how they can make them more robust.

USING NOTEBOOKS

- Use the notebook in chronological order and put the date on each page.
- It is a great tool for students to use for a quick write and assess prior knowledge.
- You can use it as an assessment tool.
- Students can reflect back on what they have learned during the year.
- Students can draw models in their notebook that they can change and revise over time.
- Notebooks are great to showcase at open house and use for parent conferences.
- Use the notebooks for the OWL writings

O = Observations

W = Wonder

L = Learning