

FLOWER FUNCTIONS

AFTER 1: Joining the Phenology Network

Standards Addressed: Science 4.1

Preparation: Sign up as a participant for the Nature’s Notebook with the USA National Phenological Network https://www.usanpn.org/natures_notebook. (It has a mobile app as well!) and <https://www.usanpn.org/nn/educate/activites> The organization has numerous resources (a few highlighted in this cluster) that you will want to familiarize yourself with. Be sure you use a password and username that you can share with students.

Instructional Strategy:

1. **Hook:** Using student nature journals, engage in small group discussions of their observations made during the field investigation and schoolyard, if applicable. Prompts: What was something unexpected or interesting you discovered or drew? Can you describe it to someone using your journal notes?
2. Enter data: In small groups, each student chooses one plant or flower to enter into the citizen science database. If your school has tablets or a computer lab, give each group an electronic device. Choose one organism you observed and use your classroom Smart or white board to model how to enter the data with your students.
3. Check student work before they hit submit.
4. Explore the data: Each group navigates to <https://www.usanpn.org/user?destination=MyNPN> to explore their citizen scientist data.
5. Students can compare their data to data from others at <https://budburst.org/data>

