

Community Science In the Classroom

- Community science (CS) = scientific research involving a collaboration between the public and professional scientists.
- CS engages students in authentic research and facilitates the use of **real-world data sets** in the classroom.
- Because CS projects aim to solve real world problems, they can provide a sense of purpose to data collection and analysis in the classroom.



Budburst: Built for Education

- Budburst is a plant-focused, nationwide CS program hosted at the Chicago Botanic Garden.
- Participants collect data on plants and **pollinators** to help researchers understand how climate change and human activity impact our ecosystems.





Your classroom can participate by: **Collecting your own plant data** and/or

Analyzing data

- Your class data
- Data from our national database

budburst A project of the Chicago Botanic Garden

Budburst Community Science: Bringing Data to Life in the Classroom Sarah Jones, Emma Oschrin, Taran Lichtenberger, Jennifer Schwarz, Kayri Havens



- - Do lilacs bloom earlier in years with warmer winters?
 - When should we plan to go on a hike to view fall colors?
 - What plants will attract the most butterflies to our garden?









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