



# Explore the World & Contribute through Community and Citizen Science



**What comes to mind when you hear the phrase “citizen science”?**

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# Citizen Science

A **collaboration** between scientists and those of us who are curious, concerned, and motivated to make a difference.

It's how people can make an impact on issues they care about... and help science!



**What comes to mind when you hear the phrase “data literacy”?**

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# Data Literacy

**The ability to make meaning from data.**

**It can help you to build your knowledge, ask the right questions, and make better decisions.**



# Citizen science data is important



## **The Great Sunflower Project**

Document pollinators and where they are.



## **eBird**

Count birds to show where they are and how their populations are doing.



## **Globe at Night**

Report visible stars and help document light pollution.

**Citizen science allows research to span continents and time.**



# Citizen science can involve...

<b>Observing</b>	Biodiversity, Night sky
<b>Monitoring</b>	Air quality, Pollinator activity, Bird Migration
<b>Measuring</b>	Water quality, Light pollution, Marine debris
<b>Analyzing</b>	Online Data, Trap camera images
<b>Collecting</b>	Biological samples

***in your backyard, while exploring your interests, through your hobbies, with your family, and more!***



**Anyone can participate.**



**Participants collect and analyze data.**



**Accelerates research and discovery.**



**Participants build important skills.**

Citizen science is a collaboration between scientists and the public that provides important data that helps us make decisions about our world.

# Now It's Your Turn

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