

Broward PBL Portal @ SciStarter

CITIZEN SCIENCE: REAL SCIENTIFIC RESEARCH ANYONE CAN DO!

Stall Catchers by Eyes on Alz

GOAL: Speed up Alzheimer's research by helping scientists find flow blockages (stalls) in blood vessels.

TASK: Interact with the gamelike interface to identify where blood flow is reduced in brain scans.



Project Squirrel

GOAL: Help scientists monitor where and what types of squirrels live near you.

TASK: Count squirrels, record their behaviors and diets, and log your data through an online form on SciStarter.



Stream Selfie

GOAL: Map streams across the country to help scientists investigate stream health.

TASK: Snap a photo of a local stream and share it via an online form.



Globe at Night

GOAL: Help scientists investigate light pollution by reporting how well you see the stars.

TASK: Follow project instructions to observe the night sky and then submit your data via an online form.



ISeeChange

GOAL: Help study a changing climate by documenting weather, climate, and your local environment.

TASK: Explore weather and climate observations over time and share your observations via an app or website.



Ant Picnic

GOAL: Help scientists learn more about the food ants prefer.

TASK: Create a special picnic for ants, record their behavior, and then log your data via an online form on SciStarter.



KEY



Sunny Day



Outside



Internet Access



Night-time



Mobile Device



Indoor



Tree Nut: Allergy Warning



Stinging/Biting Bug Allergy Warning

GLOBE Observer: Mosquito Habitat Mapper

GOAL: Help scientists at NASA study mosquitoes and reduce health risks by mapping and destroying mosquito habitats in your community.

TASK: Find, photograph, and destroy mosquito breeding sites by following instructions via an app.



GLOBE Observer: Land Cover

GOAL: Help scientists at NASA ground-truth satellite observations by photographing and describing areas of land.

TASK: Go outside and document an area of land with photos and descriptions. Submit your observations via an app.



GLOBE Observer: Clouds

GOAL: Help scientists at NASA study the sky and ground-truth satellite data by reporting your observations.

TASK: Photograph clouds, record observations of the sky, and share your data via an app.



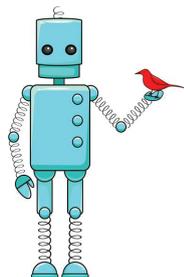
Curio

GOAL: Map and monitor urban and community trees.

TASK: Add trees to a map, and then record observations, photos, and stories via an app or website.



VIA OUR PORTAL
ON SCISTARTER



scistarter
People-powered science.

GOALS OF THE PORTAL

Facilitate student participation in real science projects:

- With real academic institutions
- That produce real results
- And have a genuine impact on science.

Help students find projects that suit their specific needs:

- Their curriculum (district-based)
- Their grade (level and/or age-based)
- Their interests and passions (student-based).

Help students see that science is an evolving and participatory process:

- By showing them the impact of their work
- And awarding them credentials and rewards as they progress.

GET IN TOUCH!



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