

## 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.



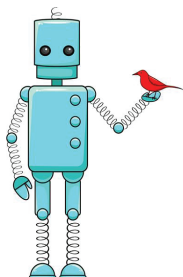
## Curio

**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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