



2200 East Martin Luther King Jr. Blvd., Suite 200 Austin, TX 78702
www.keeppaustinbeautiful.org

The **Keep Austin Beautiful Clean Creek Campus Digital Toolkit** is designed to be a resource for educators who have participated in our educational programming to further their efforts in bringing environmental literacy to the classroom. We are including resources that incorporate technology and various forms of media to help make learning accessible and to showcase how our electronic devices can be tools for learning and citizen science.

APPS

Below is a list of apps that can be paired with classroom activities. If there are any applications that you have found to be awesome in the classroom that are not on this list, please let us know!

Plant Identification

- **iNaturalist**: Identify wildlife, plants, and fungi while adding to a living atlas of life on earth and learning from a global community of naturalists.
- **PlantSnap**: Instantly identify any plant using a smartphone camera.
- **Seek**: Identify wildlife, plants, and fungi.

Sustainability

- **Litterati**: Identify and map the litter around you.
- **Ecosia**: A search engine that plants trees

Ecology

- **Texas Invasives**: Use the Texas Invaders app to report invasive species in Texas and learn how they affect the local ecosystem.
- **Merlin**: Identify birds by photo or sound.

PROFESSIONAL

Below is a list of professional opportunities for teachers, programs for students, and resources for developing projects on campus.

For Students

- **City of Austin's Watershed Protection Department Earth School and Earth Camp Programs**
- **Austin Youth River Watch program for high school students**



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- El Ranchito summer programs for students
- Native Prairies Association of Texas field trips and teacher workshops
- Colorado River Alliance field trips and Mobile River

For Teachers

- Groundwater to Gulf training for educators
- Texas Association for Environmental Education
- Texas Parks and Wildlife Teacher Training Calendar
- Central Texas School Garden Network
- Creating a wildlife habitat
- Sustainable Food Center Farm to School Learning Collaborative

Grant Opportunities

- Bright Green Futures Grants for School Sustainability Projects
- EcoRise Eco-Audit Grant for Campus Innovation
- Lady Bird Johnson Wildflower Center's Seed Grant for planting wildflowers on school campus

EDUCATION

Below is a list of educational resources, including databases, free curriculum, podcasts, videos, and online games.

General

- Project Noah Citizen Science Resource
- Science Friday: Science podcasts for students

Waste

- Keep America Beautiful Resources
- City of Austin Waste Sorting Game
- 5 Gyres Institute: Resources focused on educating the public about plastic pollution in the ocean

Water & Climate

- City of Austin Find My Watershed Map
- Earth Echo Water Monitoring Challenge
- Climate and carbon footprint



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- [Map of city climate footprints](#)
- [Individual carbon footprint calculator](#)
- [Colorado River Alliance digital education resources](#)

Naturalist

- [City of Austin's local plant database](#)
- [Monarch migration](#)
 - [Citizen science project 'Journey North'](#)
 - [Making your garden a Certified Wildlife Habitat](#)
- [i-Tree](#): A tool that helps you estimate individual tree benefits in terms of carbon dioxide, air pollution, stormwater impacts, and energy savings.
- [Shoal Creek Conservancy seed ball kits](#)
- [Native Plant Society of Texas resources](#)