

Earth Science for a Sustainable World



What Does Sustainable Mean to Me?

DRAW, PAINT, CREATE!
SHOW US WHAT A SUSTAINABLE
WORLD LOOKS LIKE TO YOU.

Your artwork earns your class an entry in the
2022 Earth Science Week Sustainability Drawing!

We share the Earth with all living things.

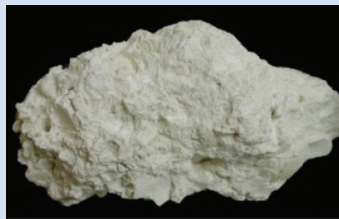
Our choices impact the Earth's ability to support, or **sustain**, all life.

When we use and share our **resources** responsibly and preserve as much as we can for the future, we are acting **sustainably**.

Earth scientists help people make decisions about how best to use their **resources** in a **sustainable** way.

A **resource** is anything that we use. Some **natural resources** in Florida are water, soil, limestone, clay, quartz sand, fossil fuels, sunlight and air. Our uses for two of these are described below. What do you think we use the others for?

Limestone is used in many things! We use it to build with, make cement from, and pave roads. We even use very pure limestone to make toothpaste and include in medicines!



Clay is used to make structural products like brick, tile and hollow blocks for construction. One type of clay (fuller's earth) has absorbent properties and is used in degreasing agents and cat litter.



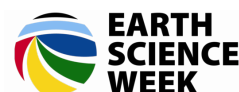
Clay is also used as a paint filler, a beauty product ingredient, and has a number of uses in the film industry and on stage!

[FloridaDEP.gov/EarthScience](https://www.florida.gov/EarthScience)



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Are you a K-5 teacher in Leon County? Let the Florida Geological Survey Bring Science to Your Classroom!



Enter your classroom in the 2022 Earth Science Week Sustainability Drawing on Oct. 11, 2022

Four elementary classrooms in Leon County can earn these four prizes:

1. Classroom visit from FGS geologists and educators during the 2022-23 school year – you choose the date!

Select a standards-based outreach activity to bring to your students:

- I am a Geologist!
- Prehistoric Creatures of Florida: Observations and Inferences.
- Identify That Mineral!
- Florida's Fabulous Resources.
- The Science (and Math!) of Sustainability.

2. Two books from the FGS Children's Library for your classroom.

3. Florida Minerals poster.

4. Outreach kit from the American Geosciences Institute (AGI) containing posters, handouts and teaching ideas (EarthSciWeek.org/materials).

PLUS 20 additional elementary classrooms will receive the Florida Minerals poster and the AGI outreach kit!

How your classroom can enter the drawing:

- Students create original artwork: "What does sustainable mean to me?"
- Each submission should be on 8.5-by-11-inch paper.
- On back of the submission, please include: Student Name, Teacher Name, Grade and School.
- See back of flyer for more information.

Send all submissions through Leon County School

District mail to: Gina Gass

3955 W. Pensacola St. (Howell Building)
Tallahassee, FL 32304

Each submission earns the classroom a ticket for the drawing.

Only one submission per student, please.

All submissions must be sent by Friday, Sept. 23, 2022.



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