



Winter CAREE Partners

Quarterly Newsletter of Madison County CAREE/Ag in the Classroom

March 2020

2019-2020 CAREE Partners

Platinum (\$1,000 +)

- Cargill Cares
- CO Bank
- GROWMARK
- Hamel Seed & Farm Supply
- IAA Foundation
- M & M Service Company
- Madison County Farm Bureau and Members
- Madison County Soil & Water Conservation District
- Oberbeck Grain Company

Gold (\$750- \$999)

Silver (\$500- \$749)

- Busey Bank
- Farm Credit Illinois
- Golden Grain Farm, Inc.

Bronze (\$499-)

- Carrollton Bank
- Highland Pierron Fire Department
- Kerry Bertels Farm
- Koeller & Koeller LLC
- Prairie Farms-Our Caps Your Cause
- Tina Sheppard

Family Science Night

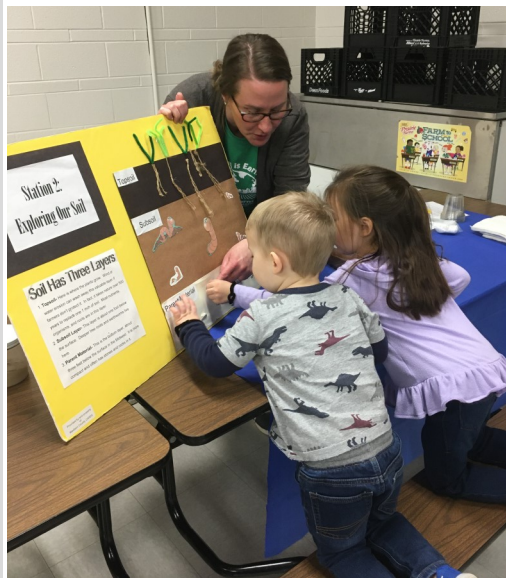


Earth Day Family Science Night at Good Shepherd in Collinsville was held on Friday, February 21st. Fifty students and their families came to enjoy the multiple stations which were set up in celebration of Earth Day turning 50 this year.



Lynn Sengele, teacher and school coordinator of the event requested

CAREE's assistance with resources and presentation. Her selection for the stations included making rain sticks, how to conserve water, Earth Day bracelets, catch ball, edible soil along with leaf rubbings of local trees. Students had a great time as they moved from one make and take station to another. When asked which was their favorite, most said all of them!!



CAREE enjoys working with schools in the county creating a fun evening of learning. If interested contact the CAREE office for details.



Corn Buddy Success!!

During the 2nd “Land of Illinois” visit, students put together Corn Buddies. These bags consist of hydro crystals, a growing medium which absorbs water and provides moisture for the corn seed to use while germinating. From there



students are able to transfer the sprout into a container of soil and continue the growing process. At Good Shepherd in Collinsville, Mrs. Maske’s class takes this lesson very serious. Not only do the students learn valuable lessons about seeds, germination, farming and growing plants, but they earn extra credit points for doing so.

Students experienced both the successes and failures of agriculture through this lesson, just as farmers do in real life situations.

CAREE appreciates the hard work that the 4th grade students put forth to germinate and maintain their corn buddies!

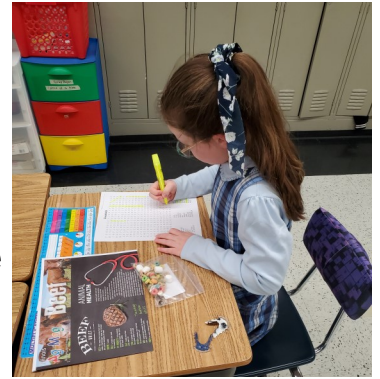
Future career opportunities await in the field of biotechnology, plant science, agronomy and farming. Great job!



Livestock and Nutrition Lesson

The main topic of the 3rd “Land of Illinois” presentation is nutrition. Livestock, like humans, need a well-balanced diet of protein, vitamins/minerals, grains and water.

Fourth grade students learn how farmers provide these nutrients to the animals in their rations. They also learn more about MyPlate and how to select foods which make up the major categories of MyPlate for people.



At the end of the presentation, students put together a trail mix with representation of food groups. Along with grain cereals, edamame are shared within the mix. For many, this is the first experience with tasting these protein rich beans. A few marshmallows remind the students to drink plenty of water for hydration. Adult pigs need up to five gallons and cattle can drink close to 45 gallons a day. It is important to know that farmers work with nutritionists and feed companies to provide the best nutrition for the livestock they raise on their farms.

Poultry in the Classroom



Embryology is the study of the development and formation of chicks.

CAREE held the mandatory teacher workshop on February 11. Along with

studying the life cycle of chicks, 20 teachers received a large amount of lessons in the areas of math, English, science and social studies.

Additionally, daily activities and experiments to do during the 21 day incubation period were also presented.

The workshop provided a glimpse of these interactions which can be taken into the classroom along with the opportunity to learn about the equipment and method of hatching eggs.



Virtual Ag Learning

Illinois Ag in the Classroom has put together three agriculture virtual learning opportunities throughout the day for students of all ages. Check them out at <https://beyondthebarndoor.wordpress.com/category/everyday-agriculture/>

50th Anniversary

The 50th Anniversary of Earth Day will be here soon. Now is the time for teachers and students to start planning for the big celebration.

CAREE recommends classrooms do a 50 day countdown to the April 22, 2020 date. Each day a simple or detailed activity could be done in class to help reinforce the need for taking care of the Earth.

If you are looking for ideas, contact the CAREE program!

You can also order your own Every Day is Earth Day on the Farm T-shirt from the CAREE Office. \$10 gets you a shirt to celebrate this memorable event.

