

Summer Professional Development SAI-1 & SAI-2



Join your peers throughout Cook County during two summer programs. These professional development opportunities are

designed to give teachers in Grades K-12 first-hand experiences with the agricultural industry. Meet farm families, tour agri-businesses and walk away with curriculum materials aligned with Common CORE and Next Generation Science Standards. Courses provide PDCH or Graduate Credit Hours.

*Registration begins January 1st.

Ag Days-3rd Graders



Take your 3rd* grade classes to Ag Day at a local agricultural site to learn all about corn, wheat, soybeans, cows, horses and more. Help your students

understand where their food comes from and much more! Rotate through stations and see how every day is an Ag Day!

*Grade level subject to change

**Limited availability. Registration begins 1/1.

Free Teacher Resources

Lesson Plan Resource Kits

Self-contained lessons and activities with all materials. \$20 deposit required. Topics include Soil, Plants, Apples, Pumpkins, Pollination and more.

Teacher Workshops

Posted online. Each workshop provides continuing education credit.

Fall Grants

Food Science, School Garden and Literature grants.

Ag Mags

Non-fiction newspaper style readers in variety of topics. Classroom sets of 30 available free. Postage extra charge.



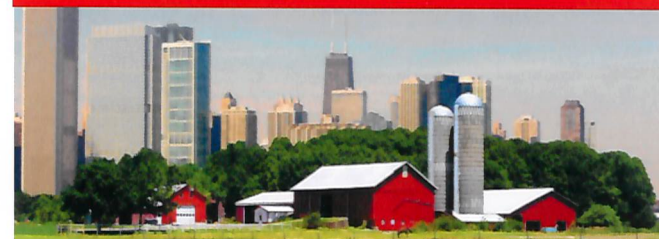
Who We Are:

Ag in the Classroom is part of the Cook County Farm Bureau®, a non-for-profit membership organization created by farmers that serves the farm & non-farm public.

Our Ag Literacy Mission

"To expand students' awareness and appreciation for the importance of agriculture everywhere."

Bring "Agriculture" to Your School!



Cook County Farm Bureau®
Ag in the Classroom

We come to your classroom for **FREE!**

Call: **708.354.FARM (3276)**

Email: aite2@cookcfb.org

www.cookcfb.org

Teacher comments include:

"The sequencing activity fits right into our CORE curriculum."

"Through the program each year, I have become more aware of agriculture in this great state. I love the visuals that are used."

"So many of our students never leave the city. Your presentation gave them an idea of life in Illinois outside of Chicago!"

Part One “In-School” Field Trip

The “In-School” Field Trip is offered to all **4th grade** classes in Cook County. This free one hour program includes:

- Teaching students to recognize that agriculture provides our most basic necessities: food, fiber, energy and shelter.
- A discussion about Illinois agriculture highlighting the careers involved in the production, processing, manufacturing and distribution of products.
- Hands-on activities for students, a colorful PowerPoint and follow-up post-test.

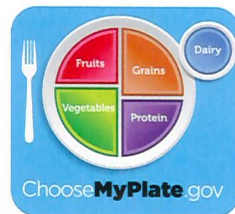


- Examples of increased use of technology including GPS systems, drones and remote technology for 21st century farming.
- Discussion on best management practices including agriculture’s important relationship with the environment.

Common Core State Standards: ELA Literacy RF.4.3, RI 4.3 4.4, 4.5, SL.4.1, SL.4.3, Math.Content.4.MD.A1, 4.NF.B.4
NGSS Structure & Function 4-LS1-1, Earth and Human Activity 4-ESS3-1

Part Two There’s “Ag” on my Plate

As a follow-up to our 4th Grade “In-School” Field Trip, this **4th grade** program is designed for classrooms studying nutrition or health as part of their 4th grade curriculum .



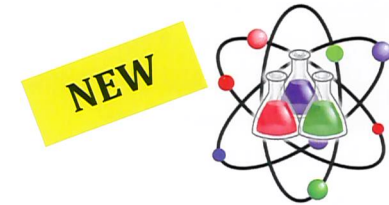
- Connects the USDA MyPlate with agriculture.
- Diagrams the path of production for a product, from farm to table including wheat grinding activity.
- Allows students to compare and contrast food labels, learning how to read them and identifying important information.
- Discusses the importance of a balanced diet including grains, proteins, fruits, vegetables and dairy through a food journal exercise.



NGSS: Structure and Process 4-LS1-A, Natural Resources 4-ESS3-1
Common Core State Standards ELA-Literacy. RI.4.4 W.4.2;
W.4.2d; SL.4.1b ; SL.4.1c; SL.4.1d; SL.4.2; SL.4.3; L.4.3a-1

Part Three Ag Science & Careers

Bring agriculture to your **6-8th** grade middle school science!



- This middle school program will connect students to where everyday items come from and how scientists have researched and developed them using agricultural commodities such as corn, soybeans, coconuts, feathers, cows and more.
- Students will collaborate in small groups and examine provided materials in order to hypothesize on the uses of agriculture-based products.
- Ag Careers will also be touched upon in order to showcase the vast opportunities in this field as 1 out of every 4 students will likely enter a career related to agriculture.
- Program includes pre/post-test, data collection sheets for completion during program and follow-up materials and web quest for teacher use.

(Matter and Its Interactions:PS1-2, PS1-3) , (Earth and Human Activity: MS-ESS3.A, ESS3.C)

All of our programs are free to Cook County Schools