

Ag Biology

Week 1 January 17th – 20th

Agriculture, FFA, & SAE



West
Sacramento
FFA Chapter
Officers



- *Front Cover:*

Name, Ag Biology, Rm.3 Bryte
McAllister, Spring Term, 2017

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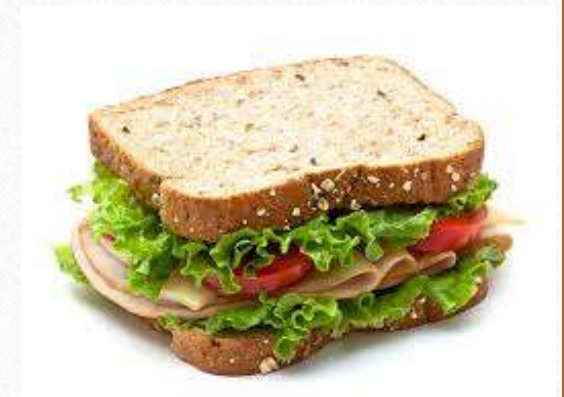
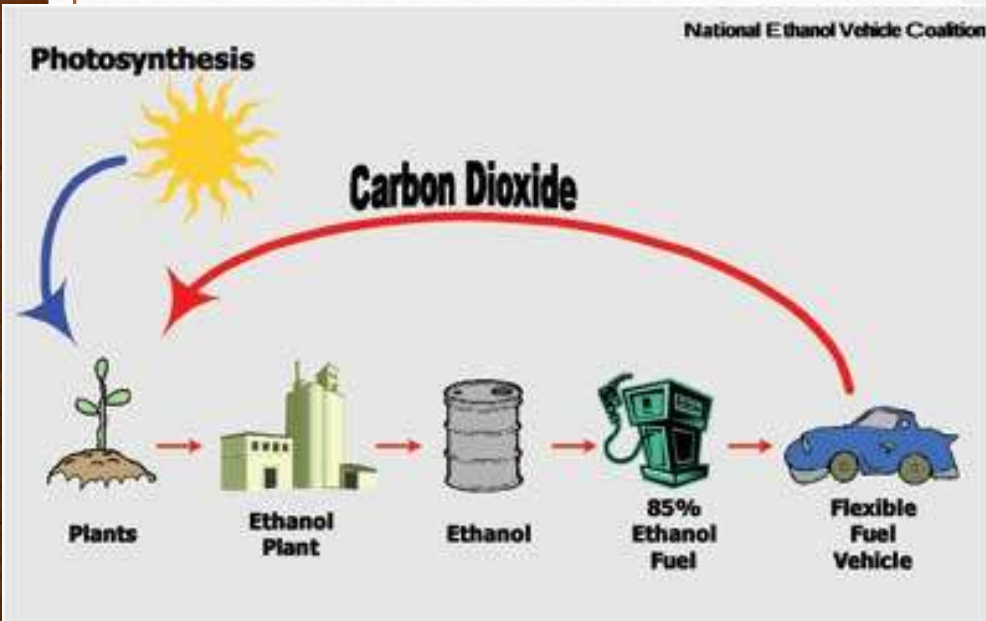
Agriculture in California



The 5 F's of Agriculture



- Food – Sandwich
- Fiber – Shirt (cotton)
- Flowers – S. Cal. Largest producer
- Forest – Lumber
- Fuel - Ethanol



California Agriculture Quiz

- Working together, discuss what you think the answers are and why? If you can't come up with a good reason why – leave it blank, for now. **NO GUESSING.**
- Lastly, work with this partner to go over any answers you may not have, or just to talk about the answers and reasons why you have those answers.

California Agriculture Quiz Answers

1. T
2. T
3. T
4. T
5. T
6. California \$43 B, Iowa \$29.9B, Texas \$22.7 B
7. Milk & Cream, Almonds, Grapes, Cattle & Calves, Nursey Products, Strawberries, Hay, Lettuce, Walnuts, Tomatoes
8. 78
9. 81
10. 312
11. 420
12. 43.5

Top 10 Commodities in California

Leading US state with \$47 Billion in 2015

1. Milk- \$6.29 Billion
2. Almonds - \$5.33 Billion
3. Grapes - \$4.95 Billion
4. Cattle, Calves - \$3.39 Billion
5. Lettuce - \$2.25 Billion
6. Strawberries - \$1.86 Billion
7. Tomatoes - \$1.86 Billion
8. Poultry/ Eggs - \$1.71 Billion
9. Walnuts - \$977 Million
10. Hay - \$945 Million

Top 3 Commodities in Yolo County

1. Rice
2. Tomatoes
3. Wine Grapes





1/18 Agriculture in California

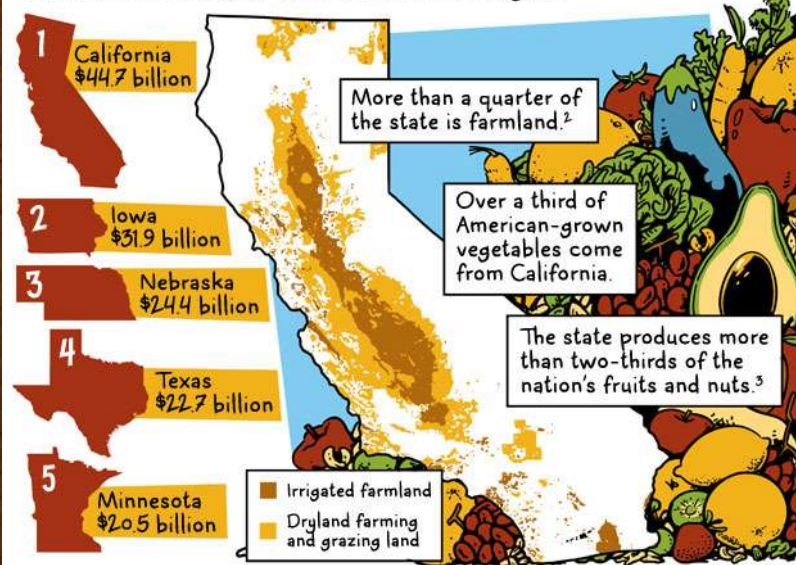
Objective: The Student will develop a better understanding of how Agriculture is important in California. P. 8 NB

1. Describe 3 of the 5 F's in Agriculture.
2. Where does Ethanol come from?
3. Describe 3 of the top 10 Commodities produced in California.

California Agricultural Commissioners and Sealers Association (CACASA)
Area Groups



That makes it the biggest farm state in America by far!



Get to know your fellow Agriculture students...

- Working with a new friend, introduce yourself and EXPLAIN your favorite fruit.- Don't say it.
- Your partner has to guess the fruit. When they are right – Give them a High Five! Your turn.
- Now swap partners, Introduce yourself by sounding like your favorite animal😊 When they guess the animal, give them a another High Five! Your turn.

Ag Biology Blackout Bingo

- With your Bingo paper, walk around the room and find fellow students that meet the criteria in the box.
- Write their name in the box.
- Now see if you can fill in any of their boxes.
- The first person will all the boxes filled in with names gets M&M's.

1/19 Learning about FFA

Obj. TSW learn about the emblem, motto, creed, colors and salute of the FFA. P. 10 NB

1. After reviewing the website and seeing the video, What are the 5 main parts to the emblem? What is their significance?
2. Write the FFA Motto.
3. Describe the colors and the salute of the FFA.



FFA

- Future Farmers of America Video
- https://www.ffa.org/sitecollectiondocuments/ffa_official_manual_english.pdf
- Search the above website or FFA.org on your laptop to answer the following questions on page 13 NB.
 - What does FFA stand for?
 - How can you benefit?
 - How many FFA members are there in the US?
 - Find the Emblem, Motto, Creed, Colors, Salute

Edible Plant Game

- Have 1 or 2 partners.
- Get 1 card to share among the 2 – 3 of you.
- Someone starts by reading the description at the bottom.
- Whoever's description is on someone else's card Identifies what it is: “Carrot”
- Then the “Carrot” reader reads the description on the bottom of their card, etc.

Squishy Fruit Name Game

- Everyone stand in a circle.
- McAllister starts by saying “Mandarine McAllister” and tosses the “squishy” to another student who says “Mandarine McAllister”, then they say their name with a “fruity” adjective before their name.
- Each person has to say the persons before them.
- The last person has to say everybody.
- Then we add more “squishies!”

How to feed the bunny and chickens...

- Follow McAllister outside.
- The key is hanging on the CO2 sensor.

Kahoots
Ag Biology

1/23 Supervised Agricultural Experience (SAE)

Obj. TSW familiarize themselves with the
different types of SAE's. P. 12 NB

1. Using the website FFA.org, What are the four different types of SAE's?
2. Which one are you most interested in? Why?
3. What other questions do you still have about SAE's?

Theaet.com FFA Record Book

TSW learn how to keep accurate records of their work, hours involved with SAE's & FFA. P. 14 NB

- Profile
 - Experience Manager (Gears)
 - Experience Manager (Pencil)
 - Description, Time Investment (Hours), Learning Objectives
- Journal
 - Time in your AET Experiences