



Eggs Worksheet

Objective:

Students will be able to solve mathematical problems that are common in the agriculture industry. Students will be able to convert basic measurements.

Indiana Academic Standards

English Language Arts Grades 9-10

Speaking and Listening

9-10.SL.2.2 - Examine, analyze, and reflect on ideas under discussion, by providing textual evidence in order to support or refute those ideas.

Food Science

Core Standard 5 - Students apply principles of nutrition, biology, microbiology, chemistry, and human behavior to make healthy food selections.

National Agricultural Literacy Outcomes

Food, Health, and Lifestyle Outcomes

T3.9-12b. - Compare the changes in nutritional needs of humans over their lifetimes.

Materials:

- Writing Utensil
- Student Worksheet



Name: _____



Activity: Are eggs the perfect food? Decide if you agree or disagree with this statement. Break the class into groups. Once students are in groups, they can discuss their thoughts on the topic. Using inquiry-based learning, research how eggs are or are not the perfect food. Use the graphic organizer to keep supporting information prepared and ready for either side of the debate.

EGGS ARE THE PERFECT FOOD	EGGS ARE NOT THE PERFECT FOOD



Teacher Answer Key

Organize the classroom debate format. An example is a fishbowl debate. The instructor randomly selects a handful of students to sit in front of the classroom in a half-circle facing the students. The instructor states the question and only the students sitting in the half-circle may discuss. The rest of the students may ask questions but cannot discuss. The instructor should allow students to take turns while sitting in the fishbowl until all students have been allowed to debate.

Once the students have this completed, they get the puzzle piece for eggs.

Background Information:

- When determining the grade of an egg, four things are evaluated:

1. Air cell
2. Yolk
3. White
4. Shell

- Chickens have the highest feed efficiency of any farm animal.

- Indiana is the third largest egg-producing state of eggs.

- In Indiana, there are 7,000 egg-industry jobs created annually.

- Eggs have the highest quality of protein that occurs naturally

- Egg yolks are a natural source of vitamin D.

- The egg industry is responsible for \$29 billion of economic impact annually.

Careers:

Food scientist, egg inspector, poultry production manager and barn maintenance worker