



10th Annual Ag Literacy Program

PB&J Hooray! by Janet Nolan

Food Sources Match & Graph, 2 - 3

***I can** show where my food comes from on a farm. **I can** read and interpret information on a bar graph.*

Standards Addressed:

2.MD.D.10, 2.NBT.A.4, 2.NBT.B.6

3.MD.B.3, 3.NBT.A.1, 3.NBT.A.2

Note for Teachers or Parents: This activity is meant to be used either before or after reading PB&J Hooray! but it can be a standalone activity.

This activity provides an opportunity for your students to understand where their food comes from while practicing important fine-motor and math skills. Modify as needed. For some learners, dotted lines may need to be pre-drawn for students to trace once they've decided on the match.

E-Learning Option: Let your students hone their word processing skills. Choose "Insert", "Shapes", and select a line to show them how to click and drag a line to match their items.

Pair this activity with the following video clip from Maryland Farm & Harvest (PBS) that shows how wheat becomes flour right here in Maryland!

Watch Here (wheat clip runs from 14m55s to 19m35s – or enjoy the whole episode!):

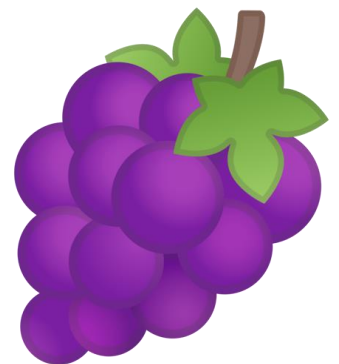
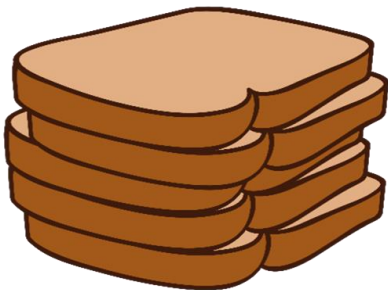
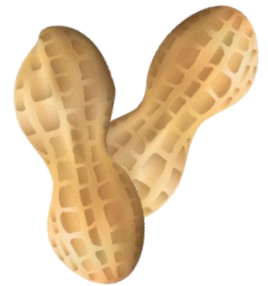
<https://www.pbs.org/video/maryland-farm-harvest-maryland-farm-and-harvest-208/>

Name _____

Date _____

PB&J Hooray! – Food Sources Match (Grades 2-3)

Directions: Draw a line to match the ingredients for a peanut butter and jelly sandwich with their sources from the farm. Even your sandwich comes from a farm!



Did you know??

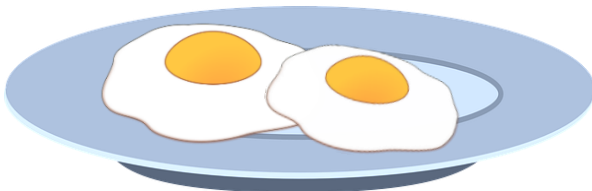
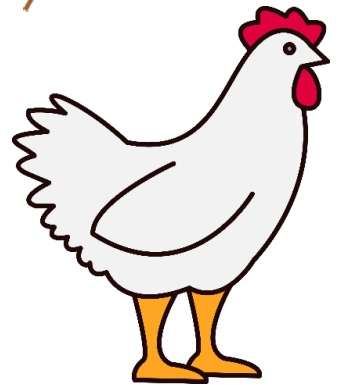
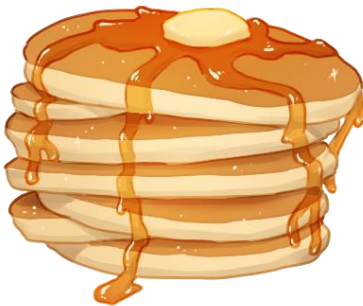
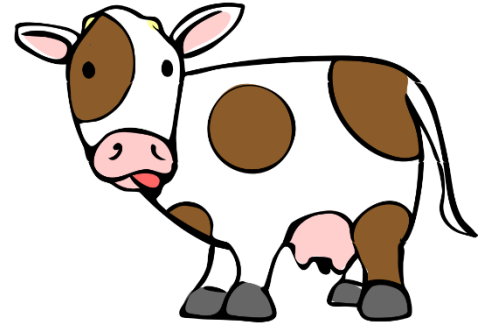
The average child will eat 1,500 peanut butter and jelly sandwiches before graduating high school. This even counts for kids who eat substitutes like sunflower butter or almond butter because of allergies.

Name _____

Date _____

PB&J Hooray! – Food Sources Match (Grades 2-3)

What else comes from the farm? Draw a line to match these snacks with their source from the farm.



Name _____

Date _____

PB&J Hooray! – Food Sources Match (Grades 2-3)

Now, search your house or your cafeteria for items that are made from some of Maryland's commodities. Color 1 box for each item you find made from milk (dairy cows), eggs (layer hens), and wheat.

12						
11						
10						
9						
8						
7						
6						
5						
4						
3						
2						
1						

Corn



Soybeans



Dairy Cows



Layer Hens (eggs)



Wheat



Veggies & Fruits



Name _____

Date _____

PB&J Hooray! – Food Sources Match (Grades 2-3)

Teachers or Parents: Use the appropriate questions for your student(s) once the graph is complete. You may wish to cut these questions out and paste them in a journal to give students enough space to show their work.

Second Grade:

1. Count the number of items in each group. Write the number on the graph above each bar. This makes it easier to use your data later.
2. How many items did you find made from corn, soybeans, and dairy cows altogether? Show your thinking below.
3. Choose two groups. Compare them below using greater than (>), less than (<), or equal to (=).
4. Add your numbers for items we get from plants together (corn, soybeans, wheat, and veggies/fruits). Now, add together items we get from animals (dairy cows and eggs). Which number is greater? Show it below as a comparison (___ > ___)

Challenge: Add all your data together to get a total number. Which 10 is that number closest to? Show your thinking below.

Name _____

Date _____

PB&J Hooray! – Food Sources Match (Grades 2-3)

Third Grade:

1. Count the number of items in each group. Write the number on the graph above each bar. This makes it easier to use your data later.
2. Add your numbers for items we get from plants together (corn, soybeans, wheat, and veggies/fruits).

Now, add together items we get from animals (dairy cows and eggs).

Which number is greater? Show it below as a comparison (___ > ___). Then, round these numbers to the nearest 10.

3. Now, add a column for “broiler chickens”, which are chickens we get meat from. Add data to this new column based on what items you find in your house or cafeteria. How does this new column change the data from the question above comparing animals and plants?

Challenge: Make a new graph. Add “Beef Cows”, “Hogs”, and “Nursery & Greenhouse” to the existing categories. Search for and graph new items. Each box colored is now worth 2 items.