

TECHNOLOGY/STEAM Teacher: Mrs. Casale

2nd Grade Virtual Lessons #1 and #2-- Food Groups/Classification

*Note, this activity may take your child a little longer to complete, so I've created this for 2 complete lessons instead of just 1.

Scientific Classification is when things are sorted into groups by similarities. If you have a device with Internet access, please view the following short video on the 5 food groups. If not, skip ahead to the Classification Unplugged Activity below:

<https://www.youtube.com/watch?v=L9ymkJK2QCU>

Classification Unplugged Activity:

(Everyone is required to complete this activity whether you have Internet access or not)

Materials Needed-

Scissors

Glue, glue stick, or tape

Giant Eagle or Local Grocery Store Ad that Comes in the Mail

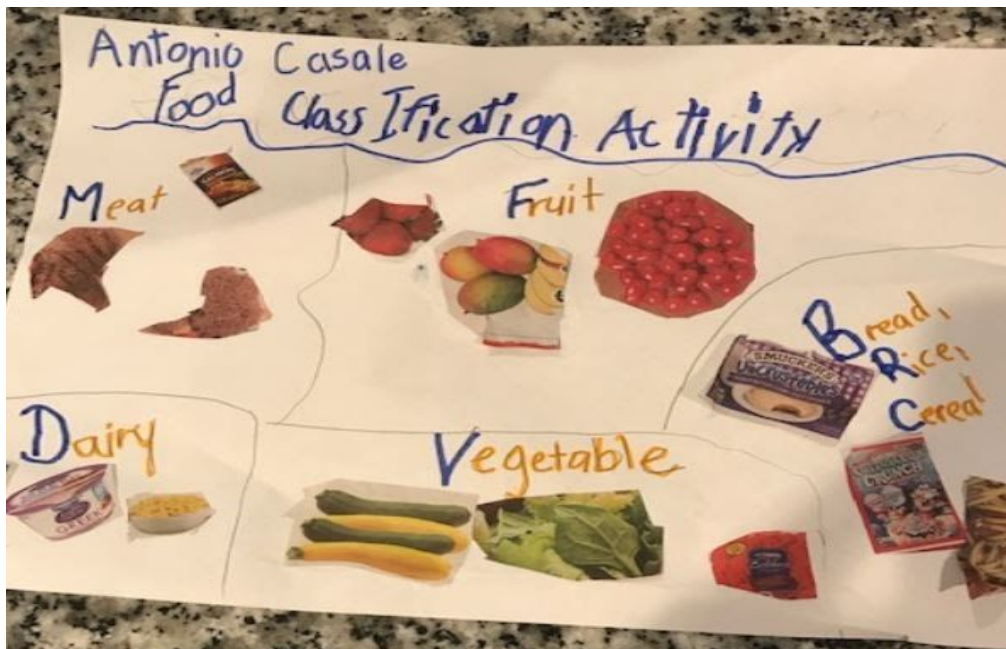
Sheet of paper

Pencil

Crayons (optional)

Step-By-Step Procedure

1. Write your name at the top of your paper.
2. Then write the title: Food Classification Activity on your paper.
3. Cut out at least 3 items from your grocery store ad that fit into the following categories: *Meat, Fish, Eggs, *Dairy, *Fruit, *Vegetables, *Bread, Cereal, Rice.











Pasta

4. Then, glue each of the 3 foods onto your paper and label using the categories listed above: (You should have a total of 15 cut-out pictures on your paper.) Please view the sample created by another second grade student, Antonio Casale. :-)

2nd Grade Virtual Lesson #3 EARTH DAY/STEAM/MATH LESSON

Please read and complete the following 4 questions with a home helper.

| | |
|--|---|
|  <p>The second grade students and the third grade students at our school collected 12 bins of newspapers to recycle.</p>  <p>The second graders collected two-thirds of the bins. The third graders collected the rest of the bins.</p> <p>a. How many bins were collected by the second grade students?</p> <p>b. How many bins were collected by the third grade students?</p> |  <p>Cameron and his brothers planted 10 trees. Cameron planted 2 of the trees, his brother Sam planted 5 of the trees, and his brother Ben planted the rest.</p>  <p>a. What fraction of the trees did Cameron plant?</p> <p>b. Which one of Cameron's brothers planted one-half of the trees?</p> |
|  <p>Maddie planted 15 tomato plants. She gave one third of her plants to her cousin Carley.</p>  <p>a. How many tomato plants did Maddie give away?</p> <p>b. How many tomato plants did Maddie keep?</p> |  <p>Our class planted 14 packs of seeds in the school garden. Half of the packs were bean seeds.</p> <p>How many packs of bean seeds did our class plant?</p>  |

If you want, you can have someone at home take a picture of your answers and send it to me at kelly.casale@sparksd.org. This part is not required.

2nd Grade Virtual Lesson #4

Using some sort of building blocks that you already own at home, try to build the highest structure and also the most creative structure possible. If you want, you can have someone at home take a picture of your creation/s and send it to me at kelly.casale@sparksd.org. This part is not required.

*Remember, a structure is a type of building.

Please Note: If you do not have access to building blocks---chapter books, dvds, video game cases, etc. will do just fine.

2nd Grade Virtual Lesson #5--Go Outside and complete the scavenger hunt below in your own backyard.



The form is titled "Backyard Nature Walk" and features a red checkmark icon. It is decorated with stylized floral illustrations: a pink flower on the left, a purple tulip on the right, a teal flower at the bottom left, and a blue flower at the bottom right. The list of tasks includes 14 items, each with a checkbox and a line for notes.

Backyard Nature Walk

- ☐ Find a leaf that has just fallen off a tree
- ☐ Find a type of nut
- ☐ Find 20 blades of grass
- ☐ Find something that needs the sun to live
- ☐ Find a yellow flower
- ☐ Find a rock
- ☐ Find some trash you can throw away or recycle
- ☐ Find something that smells good
- ☐ Find something that is smaller than your pinky
- ☐ Find something yellow
- ☐ Find something that is three inches tall
- ☐ Find something living
- ☐ Find footprints