

Project Based Learning 1st Grade: Science- Fruit and Vegetables

By: Madelyn Barron, Jessica McCants, and Madison House

Grade Level:1

Subject: Science/ Health Education

State Standards:

HE1(1)11. Identify foods in the six food groups on MyPyramid.

HE1(1)12. Recognize foods and beverages that are healthy choices.

Essential Questions

Where do fruit and veggies come from?

What makes a fruit, a fruit? What makes a veggie, a veggie?

What are the essential needs for produce?

Do different varieties require different needs?

Are fruit and vegetables really so different from one another?

Learning Objective

Teaching students the different varieties of local produce, and the importance of supporting local farmers markets. Through research students will learn the different processes by which different produce is grown. Most importantly they will learn the nutritional importance of produce, and the time consuming process by which it is made. The students will be able to learn the basics of My Pyramid and able to recognize healthy options when eating.

Materials

Markers

posterboard

glue

photos

ipads

earphones

carrot, strawberry, and tomato seeds

potting soil

water

scissors.. and more

Opening statement

We see fruit and vegetables all of the time. In the grocery store, local farmers markets, television, and hopefully on our meal plates. Have you ever wondered how they grow? Did you know a tomato, avocados, and even cucumbers were actually fruit? Did you know there are

some fruits and vegetables that regrow themselves? Well today we are going to begin a fun and exciting lesson on all things fruit and vegetables. This lesson will continue throughout the current season. We will start in the following order.

- Read a great book together called Pick, Pull, Snap.. where once a flower bloomed by: Lola M. Schaefer, on our iPads through iBooks.
- Throughout the season we will learn the basics of MyPyramid and we will talk about what we have learned in the iMovie at the end of this lesson.
- The students will do a group poster and make their own MyPyramid.
- We will do lots of research on the most popular (local) produce out of the thousands in existence.
- We have some great art projects to make and present to the class. An project would be t
- A field trip to a local farm will be scheduled.

We will all choose the fruit or vegetable of our choice. I will show the students how to properly plants their seeds.

- My favorite part, we will get to grow some of our own produce in class!!
- Throughout the course of the season we will record a weekly video journal on our plants progress.
- Finally, we will get to taste the delicious produce we worked so hard to grow, and make an iMovie on our experience, and what we have learned.

Closing Statement

Now that yall have all learned about the difference in fruits and vegetables. Any time you see a produce, you can decide whether it is classified as a fruit or vegetable. You can also decide which of the 5 groups are the healthy options from the My Pyramid.

Assessment

Students will present and be graded on their group project using our class rubric.