

Science Activity

Domain: Science

Domain Indicator: Conceptual Knowledge of the Natural World

Indicator: Observes, describes, and discusses living things and natural processes

Goal: Observe and compare the inside and outside of fruits and veggies.

Activity: The first time the game is introduced, the teacher will go through the different food cards and help the children to identify the name of it and match the outside and inside of the foods. Then the children will play Memory with the photos. When children turn a card over, they will have to name the food and identify if it is the outside or inside of the food. If it is a match, then they get the cards.

Other Domains this activity teaches: Language Development, Math (comparing size and shape), Social Emotional (following simple rules and directions), Approaches to Learning (Reasoning, Cooperation, Persistence), Physical Health and Development (knowledge about healthy foods), Logic and Reasoning (Compares and contrast, uses past knowledge)

Adjustments

- To make it simpler: you can remove some of the less familiar food items.
- To make it simpler: you can have one half (all outside or all inside) face up, then have the children match the photo.
- To make it harder: you can first show them the real food item. Have them describe what they think will be inside, write down their predictions. Then show them the inside and see if their predictions were right. Then show them the pictures cards and have them identify the food item. This would add some more Science, Math and Logic and Reasoning skills.
- To make it harder: you can explain the difference to children between a fruit and vegetable. Then have the children classify if the picture card as fruit or a vegetable.

Fruit has the seeds on the inside, you are eating the ovaries. Vegetables are the edible part of the plant: leaves (lettuce), stalks (celery), roots (carrot), tubers (potato), bulbs (onion), and flowers (broccoli). Legumes, such as beans and peas, are the seed of that plant. Grains are also seeds, but of grasses. The outer shell of a true nut is the fruit and the nut inside is the seed.

- Extension: have children take photos of foods and make their own game (printed or on the iPad). This would add skills from the Technology domain