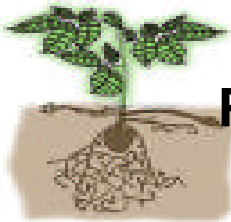
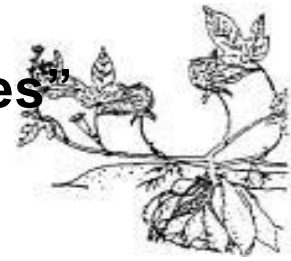


# Second Grade



## Properties of the “Potatoes”



### Objectives:

- \*Students learn the nutritional value of the potato.
- \*Students learn properties of the potatoes.
- \*Students learn different ways in which potatoes are used.
- \*Students participate in a scientific investigation and activity about the potato.
- \*Students develop vocabulary.

### Materials:

- \*Potatoes ( 1 per student if you use the Activity “Decorate a Real Potato, or use the Activity WorkSheet “My Potato Friend” per student to do the same activity.
- \* Crayons, markers, (students’ imagination)
- \* Brown bag (for teacher only)



### Teaching The Lesson:

- \*Tell students you have something in your bag you want them to feel.
- \*Tell them not to say what’s in the bag until you ask them.

**(Have a piece of butcher paper cut in the shape of a potato to chart responses. Write “Properties” at the top after students would have given their responses.)**

#### **Ask:**

- \*How did it feel? ( smooth, rough, hard etc.)
- \*What shape is it?
- \*What did it smell like?
- \*Do you think it is edible?
- \*Was it heavy?
- \*(Add other questions if you like.)



#### **Now Ask:**

What do you think is in my bag? (If they don’t guess, ways it is cooked).

name

**(After students discover what’s in the bag, they**

can describe more properties.)

\*white inside \*brown \*cooked in many ways, etc.

**Define: “Properties of Matter” (size, shape, color etc.)**

**Tell Them:**

A potato has eyes all over it. **(Point to eyes)**

The eyes are the little white growths which are the seed part of the potato (bud).

**Ask:**

Where does it grow? **(Underground)**

What organ is the potato? **(Root)**

What does it need to grow? **(Soil, Water, Sunshine)**



**Tell:**

Potatoes are healthy treats. They are good for them because they have **vitamin C**, **minerals** and **fiber** that help them grow and stay strong. They don't contain **fat**. The carbohydrates in potatoes give us energy.

Potatoes are not only used for food but they are also used to make **fuel, medicine, paper, dyes, biodegradable plastics** and **starches**.

**Define: (Biodegradable, tell why this is good for our environment).**

**Ask:**

If they remember the other plant we discussed that had many of the same uses as the potato. **“CORN”**

**Potato Activity: \*The Potato Activity you choose will depend on the time you have.**

**\* Decorate a real potato or**

**\* Decorate the worksheet “My Potato Friend”**

**\*\*\*\*\* Don't forget a Potato Treat\*\*\*\*\***

