

CASE #1

In Search of Green Life



and Nutrients in Green Beans Fourth Grade

Objectives:

- * Learn the nutritional value of green beans.
- * List the important things needed for plant growth.
- * Help in the growth of a living organism.
- * Demonstrate knowledge and use of words related to seeds and plants.
- * Read to find answers to questions.
- * Describe and record observations.
- * Listen for answers and new information.
- * Describe how plants grow and what they need to grow.
- * Make guesses about green beans and its growth (time, size, color, etc.)
- * Develop computer and following directions using the internet.



Materials:

Computer
Paper and pencil to take notes

Lesson:

Share nutritional information with students:

Green beans are high in fiber and water, they are low in calories with one-half cup serving furnishing only 22 calories. Green beans are naturally low in sodium.

Tell Students they will learn more about plants and their growth by solving the Mystery Case on the computer.

Have students go to the following website:

<http://www.urbanext.uiuc.edu/gpe/case1/c1brief.html>

(This is an excellent site for students to learn what plants need to grow, how they grow, build vocabulary and learn to following simple directions.

After completing and solving the case, have students take the online test at the end of the activity.