

How a Bean Grows

Instrument: Some paper towels, a glass cup, water.

Location: a warm sunny place

Time needed: a few days

Steps:

A seed is planted.

The young stem breaks out of the seed.

The young stem grows downward.

The stem forms the main root.

Smaller roots grow from the main root.

The upper part of the stem grows upward toward the sunlight.

The seed and the food supply (the cotyledons) are taken with it.

The plant breaks through the surface of the water.

The cotyledons form the first leaves to appear above the surface of water.

These leaves store the food for the new plant.

The real leaves of the plant grow from the tiny plant inside.

In a couple of months, the plant produces bean seeds of its own.

