



Primary

Focus

Natural Science

EXERCISE 02

Parent Objective

To nurture your child's innate appreciation for the phenomenon of natural growth.

"Curiosity is an impulse to investigate. Once the child has felt the fascination of one object, he will become zealous in the conservation of all objects."

Dr. Maria Montessori, The Absorbent Mind



Benevolently Provided by
Judy Laidlaw

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resources.montessori.agency

Maria Montessori's Education of the Natural Sciences

Viewing Seed Growth

Materials:

Sandwich-size ziploc bags, painters or masking tape, cotton balls, seed packet (green beans work well), plant mister or clean spray bottle.

Preparation:

Along with your child, prepare several ziploc bags by placing 2-3 "pulled apart" cotton balls in each.

Instructions:

1. Together with your child, choose a sunny, easily accessible window. Using the painters or masking tape, attach the bags to the glass. Place tape along the open top edge of one side of the bag. (Bags remain open.)
2. Thoroughly dampen the cotton using a plant mister or spray bottle of water.
3. Place one seed in each bag so that it rests on top of the cotton.
4. Regularly moisten the cotton to prevent drying out. (Cotton should be wet but not soaked.)
5. Observe regularly. Within a few days the seeds should swell and your child will be able to clearly observe the "bursting forth" of both roots and a sprout.
6. Encourage your child to record what she or he observes, either by drawing, writing, or both.

