Environment

**Section 3: Investigation 3: Water Tolerance**

**Grade: 5th**

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**Story:**  **Julie is helping grandma plant her garden. If a little water helps plants grow? Will a lot of water help her plants grow faster or better.**

**Big Idea/ Focus questions**: The change in the amount of water affects the plant growth.

**Prior knowledge**: option conditions for a plant to survive

**Material**: 4 Containers, 12 Seeds of each kind, I Beaker 100ml, 2 Plastic cups, 1 Tray, 4 Labels, 4 zip lock bags, Soil, Water, Newspaper, Tape, and Plant Experiment Set-up Sheet.

**Objective:** How much water do seeds need to grow?

**Procedure:**

* Label the plant containers with dry, wet, moist, very wet
* Students will decide how much water to use for their wet and very wet containers
* Plant three seeds in each container
* Complete Plant Experiment Set-up sheet

**Areas of Concern:**

Suggest teachers should setup Investigation 3 Part 1 “Setting up the Experiment” before you do Investigation #1 & 2

On page 13 question # 8, becoming a plant expert, it does not give information on how students are to become an axpert.