

# Expanded Galileo® Pre-K Online Curriculum with Activities for Toddlers

**Bean Sprouts**

**DEVELOPMENTAL AREAS/KNOWLEDGE AREAS/GOALS**

18-24 MONTHS: G3 LANGUAGE, COMMUNICATION, READING AND WRITING  
Communicating And Speaking  
16. Uses question words (e.g., "why" and "what").  
20. Asks questions to obtain information or assistance.  
22. Engages in short conversation with other children and/or adults.  
24. Combines words to create meaningful short sentences.

2-3 YEARS: G3 APPROACHES TO LEARNING  
Engagement And Curiosity  
7. Looks at insects, leaves, or other things from nature, examines and watches them move or grow.

2-3 YEARS: G3 LANGUAGE, COMMUNICATION, READING & WRITING  
Communicating And Speaking  
13. Asks questions to obtain information or assistance.

**DESCRIPTION:** Children learn about the life cycle of a plant by observing a bean sprouting.

**Materials:**  
Clear jar  
Paper towel  
Bean seeds  
Water

**Setup:**  
Place each item individually on a table where the children can see it.

**Steps:**  
1) Talk with the children about how plants grow from seeds. Show them the seeds and explain that they are bean seeds and that you will be growing bean plants.  
2) Scrunch up a paper towel so that it touches the sides of the jar in at least the bottom 1/3 of the jar.  
3) Wet the paper towel.  
4) Place the beans between the paper towel and the glass jar. Then place it in a sunny area of the classroom. You will need to keep the paper towel moist so be sure to check it each day as you and the children observe your beans. If you'd like you can place a cheese cloth over the top of the jar and hold it in place with a rubber band, otherwise, leave the lid off of the jar. Be sure it is out of the children's reach.  
5) You will see the beans begin to sprout. Because the beans are between the paper towel and the glass you will be able to watch them grow and mature. The plant may even grow out the top of the jar! You may decide to plant the bean plant in soil and allow it to continue to grow.

**Enrichment:**  
Read stories about gardening and farms to support children's learning that beans grow into plants that produce food for people to eat.

**Notes:**

## Galileo Toddler Activities

Galileo toddler activities are designed to offer a variety of activity formats including individual, small group, and large group activities, and include suggestions for scaffolding. There are hundreds of activities to choose from, offering:

- age-appropriate choices for toddlers ages 18 to 36 months adding to the existing curriculum for 3- through 5-year olds.
- continuous delivery of developmentally appropriate learning opportunities.
- assessments linked to reporting, showing which capabilities children are *Ready Now* to learn. Galileo curriculum features allow users to quickly and easily identify the activities linked to those goals.

## Developmental Areas/Knowledge Areas/Goals

- Provides the Galileo G3 scale goals the activity focuses on

## Description

- Offers a short summary of the activity

## Materials

- Lists the needed supplies

## Setup

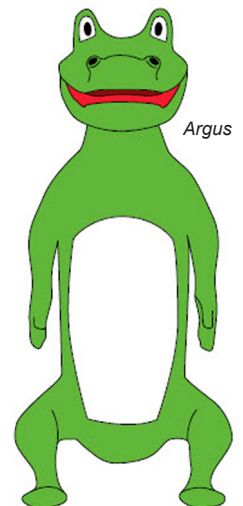
- Supports the instructor with step-by-step instructions when preparing to use the activity

## Steps

- Specifies the step-by-step instructions for using the activity in the classroom

## Enrichment and Notes

- Enrichment: Supports learning with enrichment suggestions for scaling the activity for children of various development levels
- Notes: Provides additional information, such as recipes, song lyrics, or suggested storybooks to accompany the activity, for many of the activities



For more information, schedule an online overview at [ati-online.com](http://ati-online.com) or contact us.