

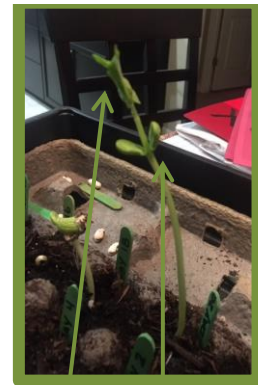
How A Seed Grows: Bean sprouting progress

This is a guide of what preschoolers should notice the first 9 days digging up seeds. Your egg carton experiment could differentiate + or - a few days depending on sun and water.



- Day 1: Planting
- Day 2: Waiting...
- Day 3: Seed coat appears to be soft. Seed coat begins splitting away.
- Day 4: Seed coat splitting is more evident. Root is peeking out of seed.
- Day 5: Root is ½ inch long
- Day 6: Root is 1 inch long
- Day 7: Root hairs are evident. Root is 1-1/4 inch long. Stem is peeking out of soil with seed appearing as first set of leaves (not true leaves)
- Day 8: Stem is stretching with first set of leaves and second set of leaves (true leaves); more roots are evident
- Day 9: Stem was bent in half and standing upward by the end of the day. Both sets of leaves observable.
- Days 10-12: Stem will grow taller and roots will develop more and become longer. First set of leaves will eventually fall off into the soil.

Egg carton day 8



First set of "true" leaves

The cotyledon, the food source for the seed until roots are established, will fall off after the first set of true leaves form.

