



Planting Peas - 15 minutes

Preparation:

- Prepare the garden where peas will be planted. Weed the area, loosen the soil and mark the area where peas will be planted.
- Gather sequence of planting cards – cut out and shuffled
- Gather pea seeds, trowels, a ruler, watering can or bucket of water with rain makers (plastic yogurt container with holes punched in the bottom)

Action:

1. Show the students the “planting a seed sequence” cards and have them put them in order. Does everyone agree with the sequence? So what is the first step?
2. Other than using a trowel or shovel, what else could we use to make a hole that is 2 times the size of our seed? (a stick, or your finger). In fact, this may work better. Estimate the depth of the planting holes by measuring a place on the finger. (to the first knuckle?)
3. What’s the second step? Make your planting hole to the depth you measured. Place a seed in your hole. Now what’s the last step? Have student take turn watering their seed.

Wrap up:

What will happen to this seed? (*Germination takes water and the right temperature; shoots go up and roots go down*)

What are the stages of the plant life cycle? (***roots** go down, **stems** and **leaves** grow up, plant makes its own **flower**; after it is pollinated, it makes **seeds** and a **fruit***)

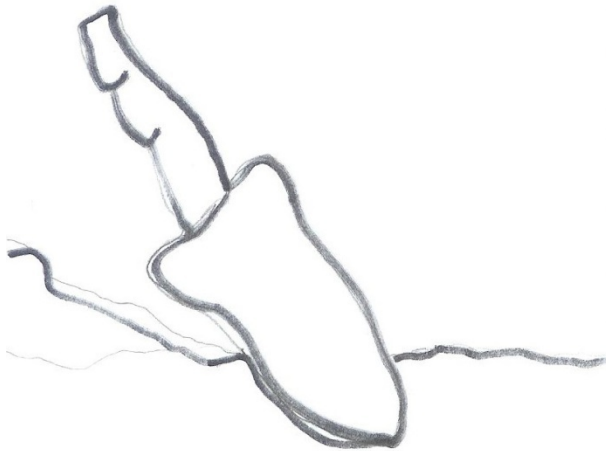
What is in a seed? (*a baby plant and food for the baby plant to grow out of the soil*)

What type of plant will grow from the seeds we just planted? Can a bean plant grow instead?

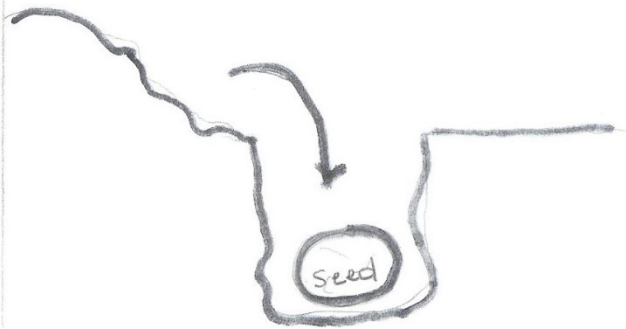
What do all plants need to grow? (*space, water, sun, nutrients, air*). Just like us.

Is a seed alive? (*Yes – it is a baby plant + food to help it on its way.*)

Dig



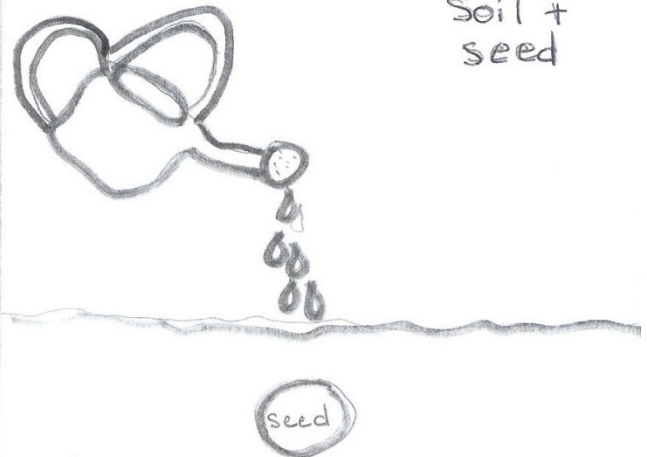
place
Seed

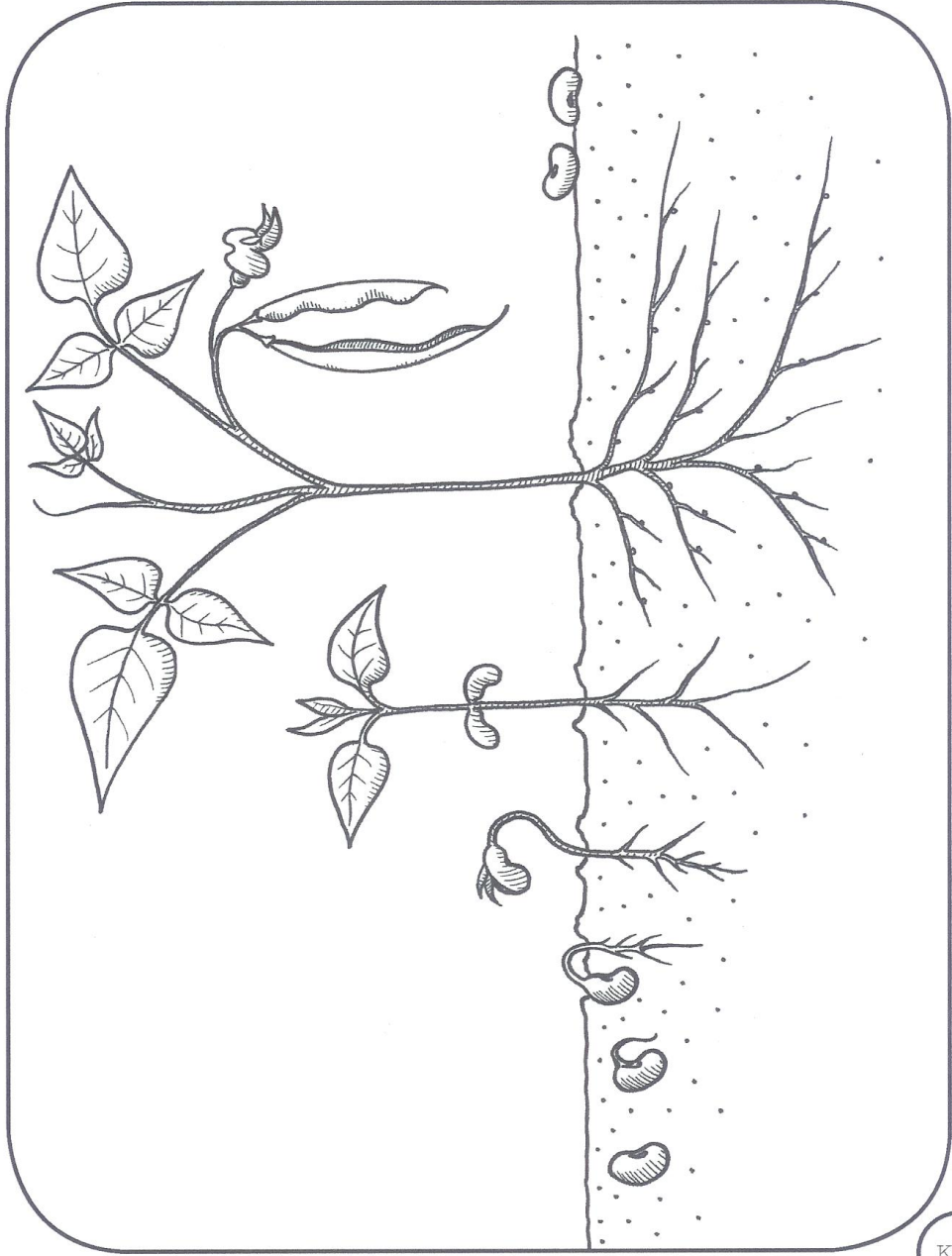


cover seed
with
soil



Water
Soil +
seed





eat.think.grow.

Portland Partners for School Food and Garden Education

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