

Fun with Plants!



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Plant Fun for All Ages and Places

- Pre-school and elementary
- Middle school
- High school and undergraduate
- Day camps
- Scouts
- Afterschool programs



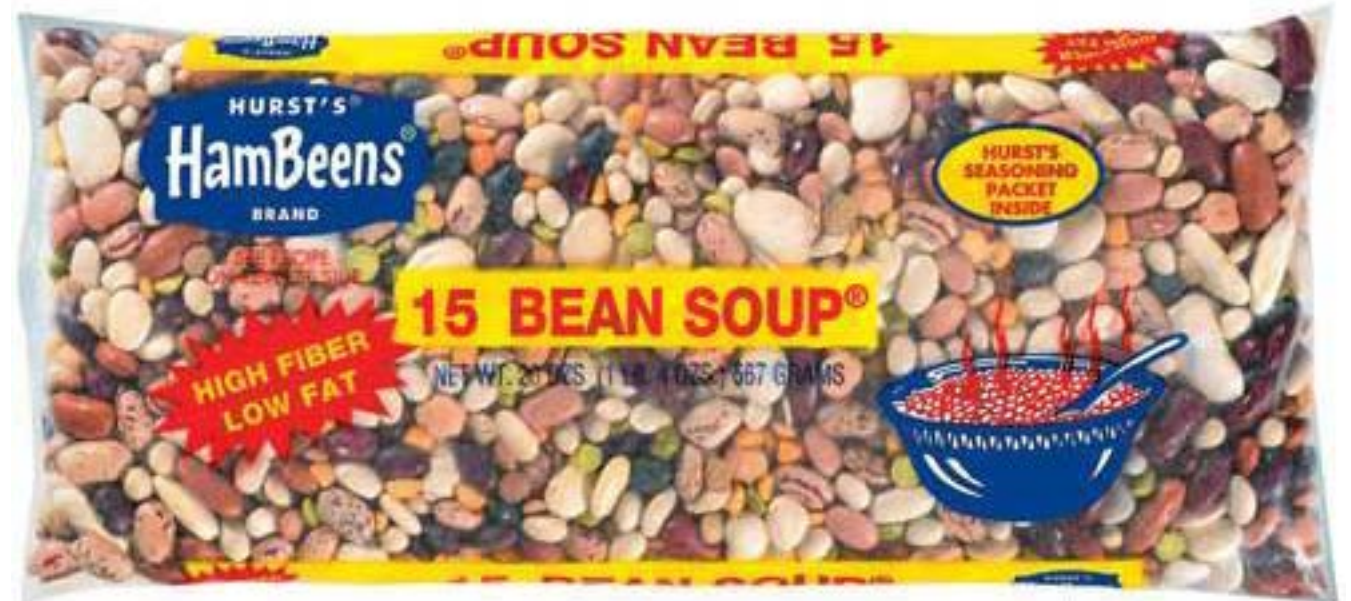


Rainbow Chips



Bean Sorting Map

- Classification skills
- Uses 15-bean soup mix
- Use as example before having students create dichotomous keys



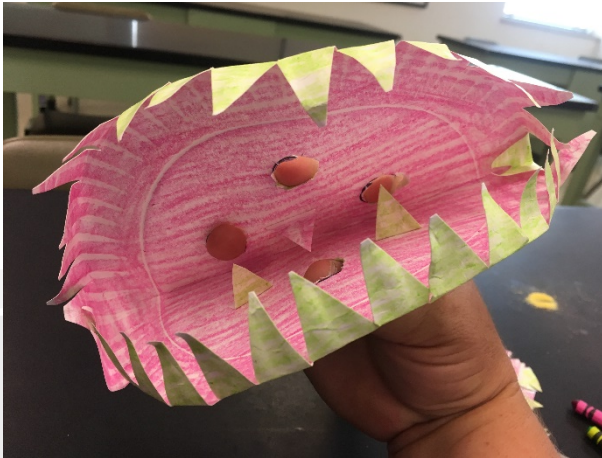
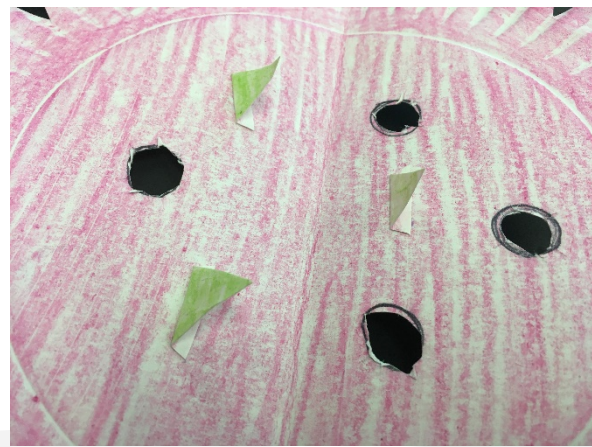
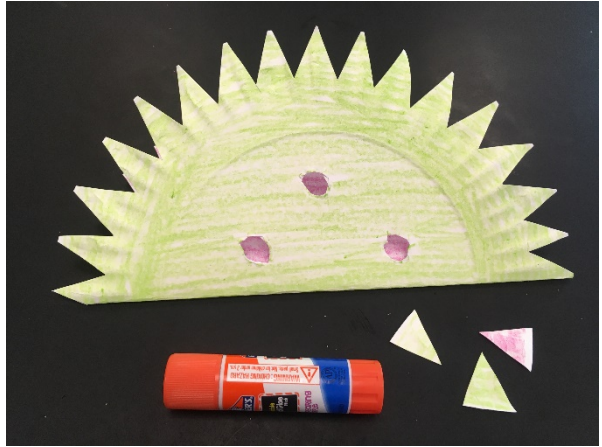
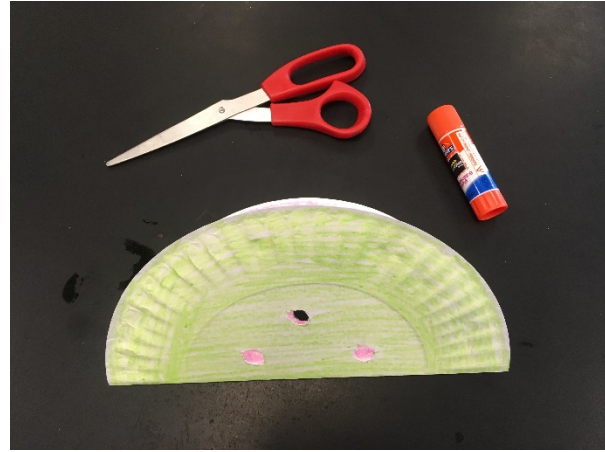
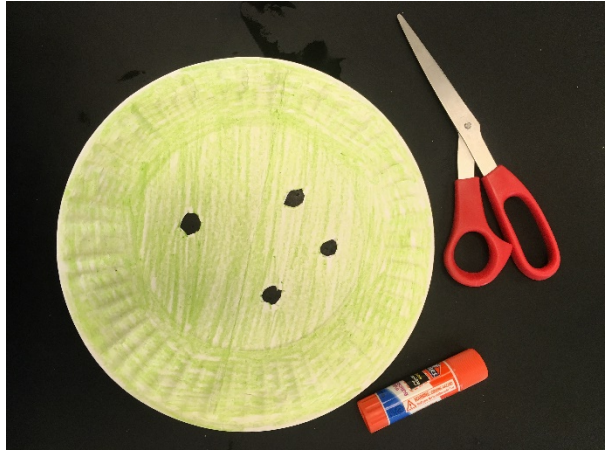
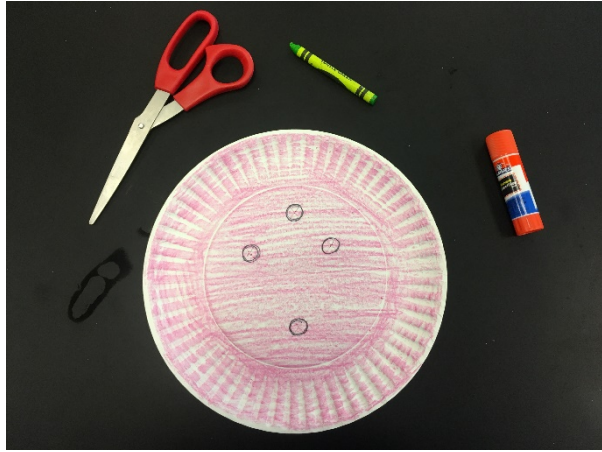


What to do with your Beans after that..





Venus fly trap puppets



(Loud) Science Experiment



- How many pennies does it take to break open a nut shell?
- 2' section of PVC wide enough to accept a soup can
- Various nuts: pistachios, pecans, walnuts, hazelnuts, (peach pits)
- Determine average across all groups for each nut (pistachio = 0, peach pits = hundreds)

| Group | Almond | Brazil Nut | Hazelnut | Pecan | Walnut | Peach Pit |
|-------------|--------|------------|----------|-------|--------|-----------|
| 1 | 90 | 100 | 90 | 100 | 90 | 140 |
| 2 | 40 | 180 | 100 | 105 | 90 | Full CAN |
| 3 | 95 | 130 | 75 | 105 | 105 | 130 |
| 4 | 50 | 55 | 35 | 20 | 25 | 340 |
| 5 | 100 | 140 | 100 | 110 | 110 | 140 |
| $\bar{x} =$ | — | — | — | — | — | — |

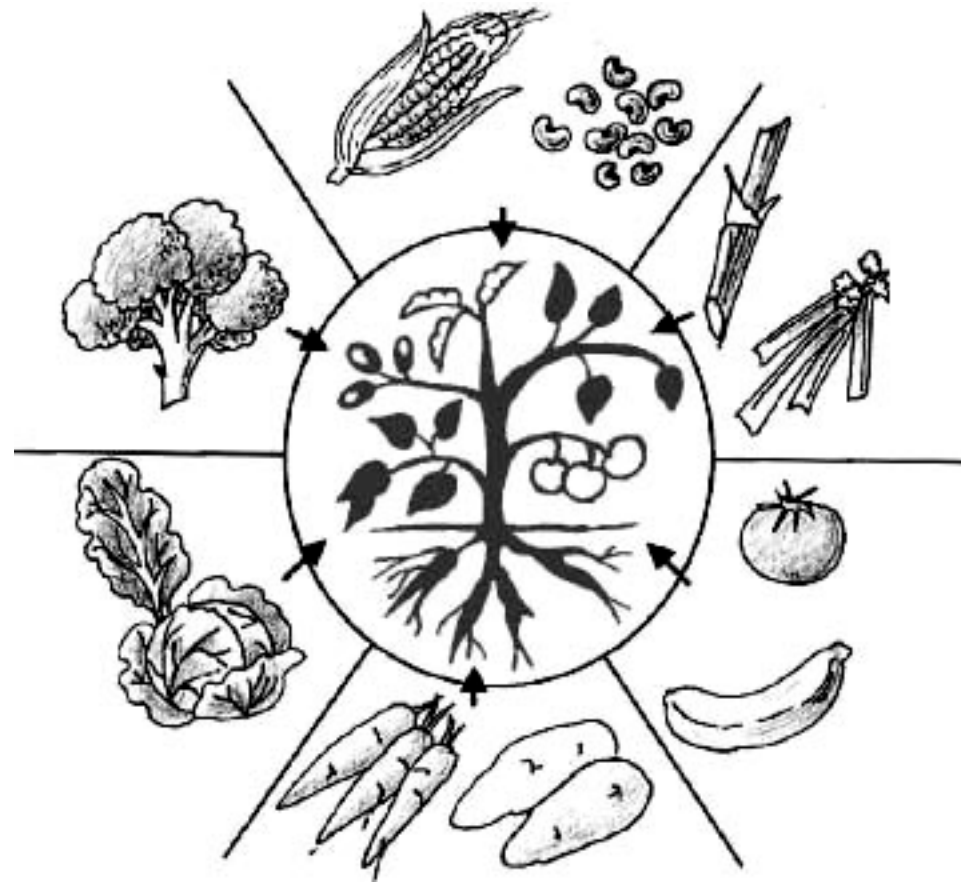


Crafting fun with plants

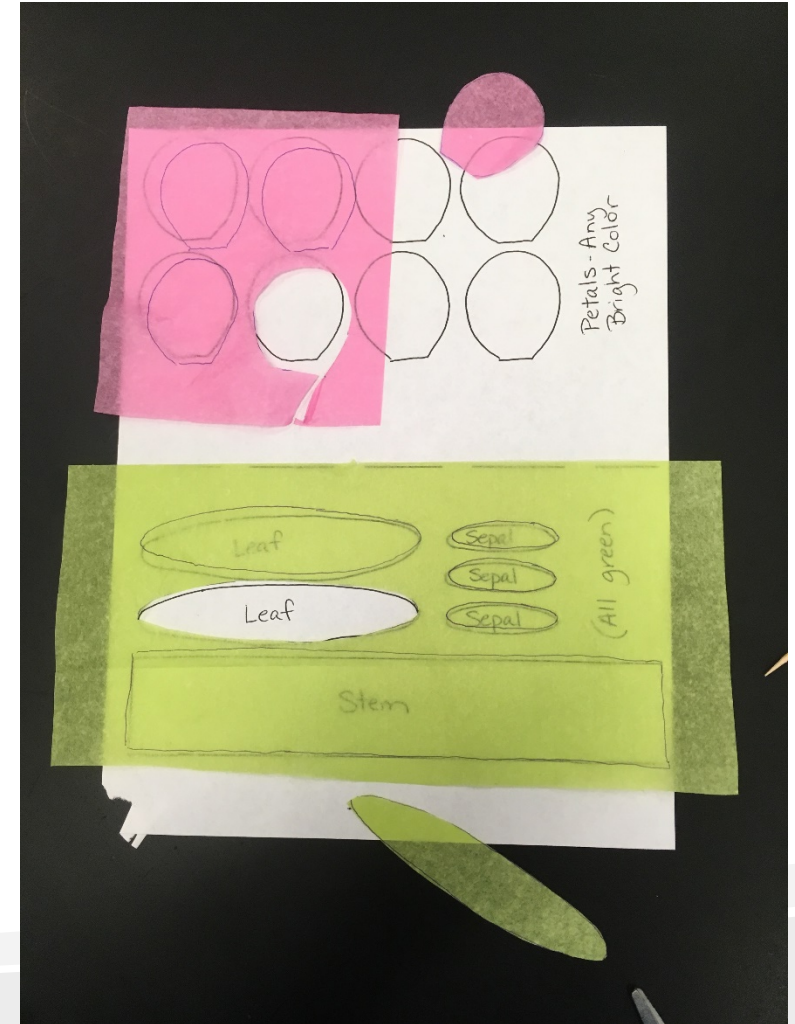
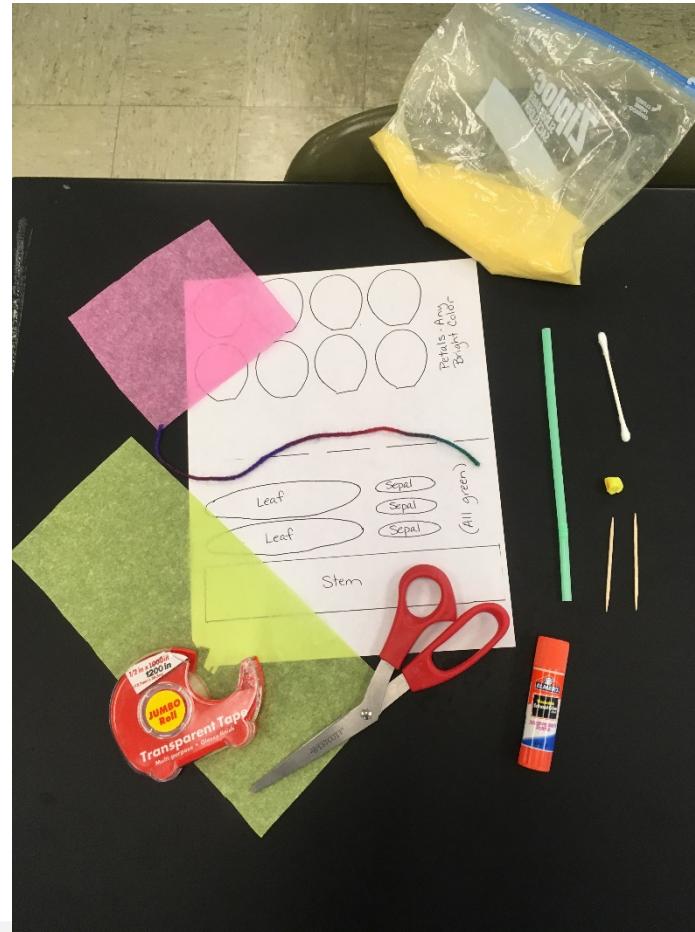


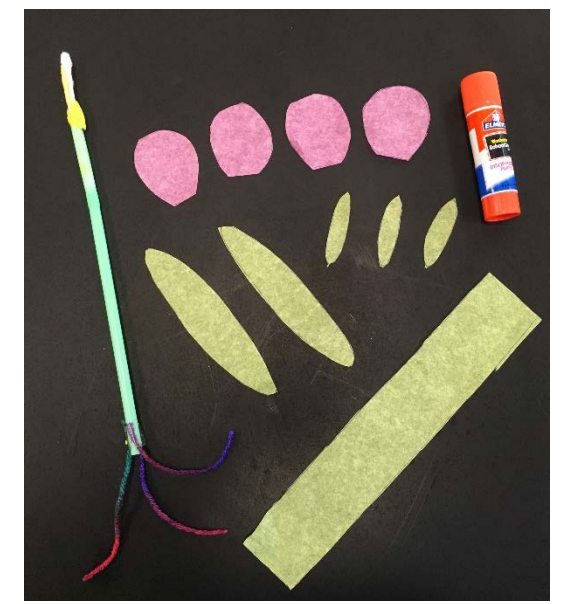
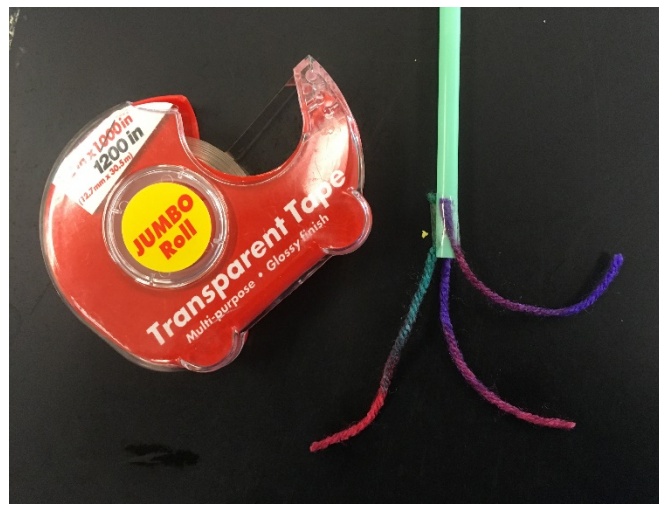
Parts of the Plant

- ROOTS
- STEMS
- LEAVES
- FLOWERS
- FRUIT
- SEEDS
- Sing it!



Flower models





Make your own greenhouse and self-watering planter



Saving space





Connecting to school subjects



Snacks



Tasting:

You have learned that eating something is not just tasting it, you have used all 5 of your senses to experience this food!

When you get the sample food, you get to give it a report card. Each sense of sight, smell, feel, sound and taste gets its own grade.

Use all 5 senses then circle the grade your sample deserves beside each sense.

| | | | | | |
|--------------|---|---|---|---|---|
| Sight | A | B | C | D | F |
| Smell | A | B | C | D | F |
| Feel | A | B | C | D | F |
| Sound | A | B | C | D | F |
| Taste | A | B | C | D | F |

USDA THE PEOPLE'S GARDEN



Grow fun plants





**“If we really want new learning to ‘stick,’
students must be doing.**

Real learning is not a spectator sport.”

**- Kendell Dorsey, Principal at
Winton Woods Elementary School
in Cincinnati, OH**



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