

# HEADS IN, HEARTS IN

## Soybean Seed Necklace

### Instructions for Set-Up

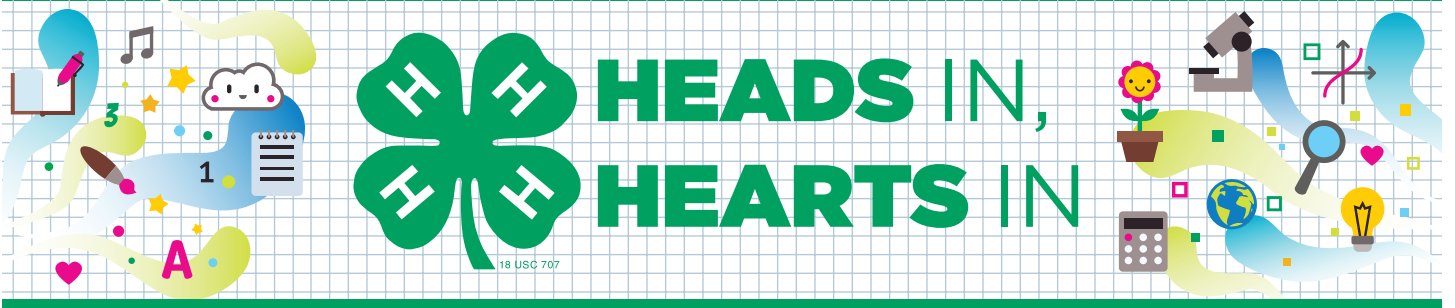
### Supplies

- “Guide for Families” handout
- Clear plastic standup display (optional)
- Jewelry plastic bags (approximately 2 inches wide by 3 inches long)
- Soybean seeds (You may use any seeds for this activity. Purchase seeds in the gardening section of your local store.)
- Cotton balls
- Bowl for water
- Water
- Hole punch
- Yarn
- Scissors
- Display table

### Activity Preparation

- ▶ Purchase or locate items on the supply list.
- ▶ Print one copy of the “Guide for Families” handout. Laminate or place in a clear plastic standup display to allow participants to see it more readily.
- ▶ Punch one hole in the top of the bag.
- ▶ Cut the yarn into pieces approximately 2½ to 3 feet long.
- ▶ Set up the display table with the supplies.





# Soybean Seed Necklace

## Guide for Families

### Learning Objectives

#### What you need to know:

Soybeans, like most seeds, need **air, water, sunlight** and **soil** to grow. If you give them **water** and **warmth** they will start to sprout and begin to show roots.

Once your soybean sprouts you'll be able to identify plant parts: roots, stems and leaves.

Farmers grow soybeans in fields. Soybeans are used to make many things, such as crayons, food, make-up, paint and many other items.

#### What you will do and learn:

You will make a soybean seed necklace to prepare a soybean for sprouting. You will be able to identify the components needed for a plant to grow. You will be able to identify the parts of a plant.

### Instructions

1. Take one small bag.
2. Place one soybean seed in the bag.
3. Lightly dip a cotton ball in water.
4. Wring out excess water. It should be damp, but not dripping.
5. Place the cotton ball in the bag on top of the soybean seed.
6. Seal the bag.
7. String a piece of yarn through the hole and tie it into a necklace.
8. Place it inside your shirt to give the seed warmth so it will grow.
9. **Do not wear while sleeping!** Place it in a warm, dark place at night. During the day, if you don't want to wear it, put it in a warm, sunny place.
10. Once your soybean begins to sprout, you will need to plant it in soil.

Can you identify the components needed for your plant to grow?

- ▶ air (inside the bag)
- ▶ water (in the cotton ball)
- ▶ warmth (your body)
- ▶ sun (daylight when you're not wearing it)
- ▶ soil (cotton ball)