Seed Tape Directions

Step 1: Read the directions

- Use the information on this page to answer the questions on the back
- Check your completed research with the control before moving on to step 2

Step 2: Gather your materials

- You'll need the following items: three foot long piece of toilet paper, measuring tape, marker, dixie cup, 1 tablespoon flour, 2 tablespoons water, popsicle stick, seeds, q-tip
- Restock any missing supplies by checking the supply shelf first, before asking Mrs. Dudley

Step 3: Mark the toilet paper

- Lay the 3 foot long paper strip flat on the table
- Fold the toilet paper in half like a hot dog bun (should still be 3 feet long)
- Use a ruler and mark every 2 inches along the length of the paper with a marker

Step 4: Mix the flour paste

- Using the popsicle stick, mix together flour and water in the dixie cup until it forms a paste
- The paste should be like pancake batter, not too runny and not too thick
- Add flour to thicken and water to thin the mixture until it is right

Step 5: Attach the seeds

- Use the popsicle stick to apply a drop of paste at each mark on the paper
- If the seeds are very small..moisten a q-tip and use it to pick up and carefully place 2 seeds on each drop of paste
- Each drop of paste should have only 2 seeds on it
- Press down firmly so the seeds have full contact with the paper and the paste

Step 6: Wrap-up

- Using a marker; write your initials and the type of seeds you pasted on the end of the paper
- Put the popsicle stick and q-tip in the compost, place the dixie cup with any unused paste in the trash (unless you'd like to make an additional tape or someone else is waiting)
- Return the toilet paper roll, measuring tape, marker, extra dixie cups, flour and seeds to the basket
- Restock the basket with any needed supplies (popsicle sticks, q-tips, flour) with the items on the supply shelf**Let Mrs. Dudley know if a supply item is running low
- Return the basket to the shelf
- Lay your seed tape on the counter to dry, compare your seed tape with the control that is on the wall

Did you enjoy this work? Why or why not? _____

_____

If you have ideas on how Mrs. Dudley can improve the directions please add those notes to this page and turn it into the turn-in tray. Thank you so much!

Seed Tape Research

(You may work in groups of one or two) Name(s) _____

Step 2: Gather your materials

- How many total items do you need to make seed tape?

Step 3: Mark the toilet paper

- How far apart will you make each mark on the folded paper?

Step 4: Mix the flour paste

- What are the two ingredients you need to make the paste?
- What will you use to stir the paste?

Step 5: Attach the seeds (question repeated on purpose, this is important!!)

- How many seeds will you put on each drop of paste?
- How many seeds will you put on each drop of paste?
- How many seeds will you put on each drop of paste?

Step 6: Wrap-up

- Which item(s) go in the compost?
- Which item(s) go in the trash?
- Which item(s) go in the basket?

Seed Tape Research

CONTROL

Step 2: Gather your materials

- How many total items do you need to make seed tape? **9**

Step 3: Mark the toilet paper

- How far apart will you make each mark on the folded paper? **2 inches**

Step 4: Mix the flour paste

- What are the two ingredients you need to make the paste? **flour & water**
- What will you use to stir the paste? **Popscicle stick**

Step 5: Attach the seeds (question repeated on purpose, this is important!!)

- How many seeds will you put on each drop of paste? **2**
- How many seeds will you put on each drop of paste? **2**
- How many seeds will you put on each drop of paste? **2**

Step 6: Wrap-up

- Which item(s) go in the compost? **Popsicle stick & Q-tip**
- Which item(s) go in the trash? **Dixie cup & unused paste**
- Which item(s) go in the basket? **Toilet paper, measuring tape, marker, clean dixie cup, flour, clean popsicle stick, seeds, and clean q-tip**

Here's what the basket should look like before you begin:

Here's what the basket should look like when you are done and ready to put it back on the shelf: