

rowing Letters!

Grade Level: K-3 Science & Reading

Objective: This activity is designed to allow students to observe the germination process and what factors encourage growth and what factors can discourage growth.

Illinois Learning Standards: Reading:1.B.2b; 1.C.2b; 1.C.2d; 2.A.2b Science: 11.A.2c; 11.A.2d; 11.B. 2b; 11.B.2f; **Assessment Framework:** Standard 1B 1.4.09; 1.4.10; 1.4.13; 1.4.14

Materials:

Seeds Glue Crayons
Construction paper Water bottle
Wax paper or cookie sheets

Suggest Reading Material:

AITC's Horticulture Ag Mag or Specialty Crops Ag Mag

Planting a Rainbow by Lois Ehlert

The Tiny Seed by Eric Carle

Tops and Bottoms by Janet Stevens

Pick, Pull, Snap by Lola M. Schaefer

Directions:

1. Cut large sheets of construction paper in half (hot-dog style). One 1/2 piece of paper for each student.
2. Next, write each students' name on the construction paper strip using the crayons. Older students can write their own name.
3. Now have each student trace over their name with glue. Elmer's white school glue will work or a glue stick.
4. Once the student has traced his or her name in glue have them shake the seeds over the glue. If you use small seeds like radishes, carrots or even grass seeds you can put them in shakers to help students place the seeds easier. Old rinsed out plastic spice jars work really well.
5. Sit to the side to let glue dry.
6. Once the glue is dried place the projects on wax paper or on cookie sheets so the seeds can be spritzed with water. Do not saturate the paper but do get the seeds damp. The seeds should be kept damp to ensure growth.