

## Growing wheat in the classroom

### LESSON PLAN



#### Equipment

- Clear plastic cups
- Permanent markers
- Potting soil
- Spoons for scooping
- Wheat seeds
- Spray bottle for water (optional)



#### Method

1. Provide each student with a clear plastic cup and write their name on it.
2. Add potting soil until the cup is 3/4 full.
3. Place up to 5 wheat seeds in the soil (approx. 1 ½ inches).
4. Place the cups in a pan to catch any drainage water.
5. Remind students that plants need light, water, air, and nutrients to grow. Ask the students, "How can we help the wheat plants get what they need? Consider discussion points like: we can put the cups by the window for light from the sun, we can water the plants, plants will get nutrients from the soil and air from the classroom etc.
6. Water the soil as needed, but not too much. If using, provide the students with water spray bottles and instruct them to spray the soil with water before placing their cups by a window.

It will take 3 to 5 days for the wheat seeds to sprout.

7. While this activity takes place, ask kids to write a wheat journal to keep track of progress and to encourage them to use their critical thinking skills.

#### Suggested questions to ask to help sprout journal entries:



- How many days have we been watering the wheat seeds?
- How tall are the sprouts today?
- What is happening in the jar?
- Why are they growing?
- After the wheat begins to grow, ask the students the following questions:
- How many days did it take for the wheat seeds to sprout?
- What do the wheat plants look like?
- What do the plants need to grow?