

Pumpkin STREAM Day

Objective: Students will make predictions and actual measurements using a pumpkin

Materials:

- small pumpkin
- knife (teacher only)
- spoons
- tablecloths (for easy cleanup)
- yarn
- rulers
- scissors
- scale
- STEM Journal
- prediction slips
- paper

Procedures:

1. Place students in groups.
2. Make predictions on how many seeds are in their pumpkin.
3. Record predictions on slips.
4. Have students sort predictions into odd and even numbers and record in journal
5. Have students make predictions on pumpkin's height and width. Record in journal.
6. Have students make predictions of length around the pumpkin. Record in journal.
7. Have students make predictions of pumpkins weight. Record in journal.
8. Find the actual measurements using a ruler. Record in journal (to find the measurement around the pumpkin, students can use yarn to wrap around the pumpkin and then use a ruler to find the measurement).
9. Find the difference between the predictions and actual measurements. Record in journal.
10. **Teacher** cuts open the top and students can begin to scoop out their seeds using a spoon.
11. Count seeds.
12. Complete reflection questions in journal.
13. If time permits, students can design a jack-o-lantern on a separate sheet of paper. They may use to design to carve their pumpkin AT HOME.
14. End lesson with the following prayer:

Blessed are You, Lord God, creator of the universe. You are the giver and sustainer of life, bringing forth the fruits of the earth to feed and nourish Your people. We cultivate the land and sow the seed, but you alone, Lord, can give the growth. Let Your blessing lie upon this land, bringing gentle rains and ripening sun for a joyful harvest. Give us the grace to use Your gifts well, that the poor may be fed and the hungry filled with good things. Then and always shall we give You glory, Father of all. Amen.