(Angelina Gorman/K5 Science/10.25.23)

I. TOPIC:

The students will be able to identity the process of growth within a pumpkin's life cycle. The student will also be able to identity the different parts of a pumpkin and what each looks like. They will understand the terms seed, stem, flower, seedling, and cycle.

II. OBJECTIVES/STANDARDS:

4.4.PK.C Recognize that plants and animals grow and change.

III. TEACHING PROCEDURES:

1. Anticipatory Set- Ask the students if they have ever carved a pumpkin before. Then ask what they might have seen inside of the pumpkin when they carved it. Wait for students to respond and then explain that we are learning about the different part of the pumpkin and how the big orange pumpkins we carve grow from tiny seeds.
2. Development- Present Lumio presentation. Ask I go through each slide (step of the process) I will show an example of each stage. (seed- seed, seedling- stem in dirt, pumpkin plant- leaf, pumpkin flower- flower, green pumpkin- green pumpkin, orange pumpkin- orange pumpkin)

3) Guided Practice- At the end of the presentation have the students each put the pumpkins in order of the cycle on the board

4) Independent Practice/Assessment- The kids will each receive a paper with four titled pumpkin investigation. They will fill out the paper with my help and do the activities it directs them to do

4) Closure- End the lesson by telling them to write their name on their paper and ask what is one thing they learned about pumpkins.

IV. MATERIALS:

* Lumio presentation
* Big pumpkin
* Elements representing parts of the pumpkin
* Pumpkin investigation worksheet

V. ADAPTATIONS/PLAN MODIFICATIONS:

None

VI. EVALUATION:

1. The students will be able to complete the worksheet and observe a pumpkin and its parts
2. Write a general self-evaluation including an explanation for success or lack of it. Discuss: what changes might have produced better results and could be used in subsequent lessons.