



Pumpkin Seed Experiment



You will need:

1. at least five pumpkins of various sizes
2. a newspaper or plastic tablecloth
3. a scale (to weigh the pumpkins)
4. four record sheets (weigh in, tally sheet, graph, and description)

Teacher Note: This activity may be done in small groups, or as a classroom demonstration with different students doing parts of this experiment. Each student should have individual record sheets.

1. Look at all the pumpkins. Predict which pumpkin weighs the most.
2. Predict which pumpkin has the most seeds.
3. Weigh the pumpkins. Record their weights on the “Pumpkin Weigh In” record sheet.
4. **Adults Only:** Remove the top of the pumpkin by cutting a hole that is large enough for students to put their hands inside the pumpkin.
5. Put your hands inside the pumpkin.
6. Use the “Pumpkin Observations” sheet to record what you see, smell, and feel.
7. Using your hands, scoop out all the seeds. Separate the seeds from the pulp.
8. Count the seeds, and record the data on the “Pumpkin Seed Tally” record sheet.
9. Compare your data, and make a graph showing the results.
10. What did you find? Were your predictions correct? Did anything surprise you?
11. When all the record sheets are complete, staple them together.



Pumpkin Seed Tally Sheet

Record the number of seeds found in each pumpkin in the table below. Use tally marks to record the number of seeds. Use this data for making a graph.

Pumpkin (Label each pumpkin by a number)	Tally Marks	Total Number of Seeds
One		
Two		
Three		
Four		
Five		



Pumpkin Weigh In

How much does each pumpkin weigh?

1. Look at each pumpkin.
2. Number each pumpkin (1,2,3, etc.)
3. Predict which pumpkins will weigh the most, and which the least. Put them in order from lightest to heaviest.
4. Using a scale, weigh each pumpkin and record your results in the table below.

Predict the order by weight. Write your predictions in order on the lines below.

Pumpkin (by Number)	Weight of Pumpkin
One	
Two	
Three	
Four	
Five	

Which pumpkin weighed the most? _____

Which pumpkin weighed the least? _____



Pumpkin Graph



Number of seeds

	1	2	3	4	5

Pumpkins

My Pumpkin Experiment

