Holy Moldy Bread

Handout

You may work in groups of three or four for this project

Which bread will mold first, white or wheat?

How fast will the mold grow?

Will the white bread or the wheat bread have more mold?

Does mold grow linearly or exponentially?

Requirements:

1. Collect the data – make sure you are as accurate as possible – once the bread starts to mold, record three times a day for the next ten days.

2. Make a NEAT Table of the data that you collected – you may want to use excel.

3. Make a NEAT graph of the data. Be sure to include the following on your graph:

 a. Label the x-axis and y-axis

 B. Make sure that you use an appropriate scale

 c. Include a title

 d. Make the two graphs different colors

 e. Make a key for your graph

4. Write the equation for both functions – on the graph paper

5. Write a 2 or 3 paragraph paper that details your findings