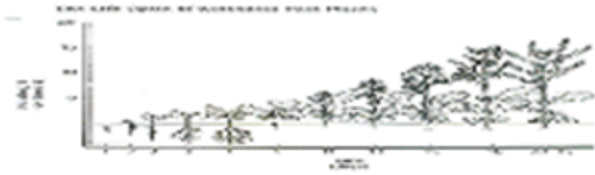


Planning Work Sheet



Name: _____ Date: _____ Block: _____

What we think will happen:

The variables we will test:

The variables we will not change:

How we will test the variable:

Directions for Using the Planning Work Sheet

NAME: _____

DATE: _____

Directions: Do each of the following activities as a cooperative research team. Be sure that you have **Activity Sheet 1A, Planning Work Sheet** before you begin working.

1. Cut out pieces of paper that measure approximately 1" x 3". Using a separate piece of paper for each variable, write out each of the requirements that Wisconsin Fast Plants need to grow well.
2. Place the pieces of paper with the variables written on them one under the other in the right-hand column of **Activity Sheet 1A**, under the heading, "Variables we will not change." These variables represent the ideal growing conditions for Wisconsin Fast Plants. The plants that are "normals" or "controls" will grow under these ideal conditions.
3. As a team, select one variable that you plan to change during your team's experiment. Discuss it with your teammates. Then put that piece of paper in the left-hand column of **Activity Sheet 1A**, under the heading, "Variable we will test." (None of the other variables will change; leave them where they are.) What are the ways this variable might be changed to make a good experiment? Talk about this, and share your ideas about these questions:
 - Would changing this variable make an interesting experiment? Why?
 - Would changing this variable make a doable project? Would we have any special problems with materials or equipment? Could we handle these problems?
 - What might happen to the plant if we change this variable?
4. Place the piece of paper with the variable you have just considered back in the right-hand column. Now, select another variable to discuss. Put that variable under the heading, "Variable we will test." Repeat the process in Step 3 above.
5. Continue reviewing the variables in this way until your teacher calls you together for a class discussion.
6. Save this sheet for the next lesson.