Go Plants! Skillathon & Score Sheet
4-H Afterschool Demonstration Sites 2005

1. Ask child which type of plant stores large amounts of food in its root, a bean plant, a carrot, or a tree. *(Check the appropriate item.)*

   _____bean _____carrot _____tree

2. Give youth a bean pod, a slice of orange, and a peanut in its shell and ask them to predict the number of seeds they will find in each. *(Write in the number in the space below.)*

   a. bean pod
   _____ prediction _____actual
   Predictions that are within 5 seeds of the actual amount are considered accurate.

   b. orange
   _____ prediction _____actual
   Predictions that are within 5 seeds of the actual amount are considered accurate.

   c. peanut
   _____ prediction _____actual
   Predictions that are within 3 seeds of the actual amount are considered accurate.

3. Put together the puzzle pieces of the Food from Photons puzzle on pages 105-134 in *Go Plants!* *(Indicate by checking accurate or not accurate.)*
   _____Accurate _____Not accurate

4. On the handout (posted on the website, GoPlants2), color the parts of a seed the following colors:
   Cotyledon = green
   Seed Coat = brown
   Embryonic root = yellow
   (Indicate by checking accurate or not accurate.)

   _____Accurate _____Not accurate

5. On the Label the Flower Sheet (posted on website, GoPlants3), label the following: petals, stem, stamen (male), and pistil (female). *(Indicate by checking accurate or not accurate.)*
   _____Accurate _____Not accurate

6. Which seed is more likely to be wind-born, water-borne, or carried by animals? Draw a line between the seed and its type of travel.

Cranberry	carried by animals
Burr	wind-borne
Maple Seed	water-borne

7. Put the *Sprouting Bean Sequencing Cards* (posted on website, GoPlants4) in order of occurrence. *(Indicate by checking accurate or not accurate.)*
   _____Accurate _____Not accurate

8. Put the *Flowering Plant Life Cycle Sequencing Cards* (posted on website, GoPlants5) in order of occurrence. *(Indicate by checking accurate or not accurate.)*
   _____Accurate _____Not accurate