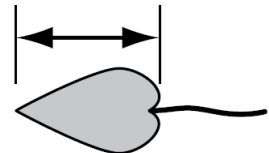# Activity 3 – First Leaves

1) **Keep observing the branch you selected**
   - Once you see a bud opening (= you can see the tip of green leaf), record "budburst" to your data sheet
   - All 4 buds may not open at the same time

2) **Measure the length of a leaf that grows from the bud**
   - measure and record the length at least twice a week
   - use simple ruler to measure the length in mm
   - measure the leaf without the stem
   - continue measuring the leaf until it stops growing

Tree and Shrub Green-Up					
Date (day & month)	Leaf 1 (dormant, swelling, budburst, leaf length (mm))	Leaf 2 (dormant, swelling, budburst, leaf length (mm))	Leaf 3 (dormant, swelling, budburst, leaf length (mm))	Leaf 4 (dormant, swelling, budburst, leaf length (mm))	Data entry ✓

3) **Take pictures regularly**
   - Share the photos at the Discussion forum.

4) **Optional: Record temperature and precipitation**
   If you have an Atmosphere site nearby, keep recording temperature and precipitation data along with observing the leaves and see if there is any link.

   And do not forget to continue taking pictures of the tree using GrowApp!

   The activity should be completed up to May 15th.

   ⓘ   To earn a Collaboration badge, share the picture of your tree with leaves.

Green-up

Tree and Shrub Green-Up Data Sheet

School Name: _____ Study Site: _____

Observer Names:_____

Plant Scientific Name: Genus_____ Species: _____

Plant Common Name: _____

Green-Up Cycle:____ Year:_____

	Tree and Shrub Green-Up				
Date (day & month)	**Leaf 1 (dormant, swelling, budburst, leaf length (mm))**	**Leaf 2 (dormant, swelling, budburst, leaf length (mm))**	**Leaf 3 (dormant, swelling, budburst, leaf length (mm))**	**Leaf 4 (dormant, swelling, budburst, leaf length (mm))**	**Data entry ✓**

Check the last column in the green-up table to keep track of data submitted.

Comments *(date each comment):* _____

_____

_____