

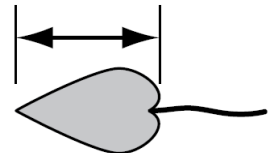
Activity 3 - First Leaves

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 ✓ |
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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.

- ① To earn a Collaboration badge, share the picture of your tree with leaves.