

Estimating

Materials:

4 fresh ti leaves of various sizes 4 ti dry ti leaves of various sizes
pens string ruler large paper clips

*Select leaves under 12 inches for easier estimations.

Steps:

1. Group the class into four groups, each group to have materials listed above.
2. Number the fresh ti leaves from 1 to 4. Number the dry ti leaves from 1 to 4.
3. Estimate the length of the fresh leaves and the dry leaves using inches and Hawaiian forms of measurements.
4. Estimate the weight of the each numbered fresh ti leaves and dry ti leaves using the predicated weight as compared to large paper clips (ex. the estimated weight of dry ti leaf #1 is equal to 3 large paper clips).
5. Write all estimations on chart below.

| Fresh Ti Leaf | Length (in.) | Length (Hawai'i) | Weight (amt. of ppr clips) |
|---------------|--------------|------------------|-------------------------------|
| #1 | | | |
| #2 | | | |
| #3 | | | |
| #4 | | | |

| Dry Ti Leaf | Length (in.) | Length (Hawai'i) | Weight (amt. of ppr clips) |
|-------------|--------------|------------------|-------------------------------|
| #1 | | | |
| #2 | | | |
| #3 | | | |
| #4 | | | |