

## Flower Dissection

### Learner Outcome:

The student will be able to dissect a flower to observe how plant parts allow for reproduction in angiosperms (Standard MS-LS1-4).

1. Draw a diagram of your flower. Label the following parts: petal, sepal, anther, filament, stigma, style, and ovary.
2. Observe the sepals. How many do you see?
3. Carefully peel off the sepals. Observe the petals. How many are there?
4. Carefully pull off the petals to examine the male part of the flower. Observe the stamens. How many are there?

5. Touch the anthers. Record your observations.

6. Take off the pistil. Peel back the stamens. How does the stigma feel?

7. Cut the pistil in half at the widest point. Record any observations that you notice inside the pistil.