

Taking a Closer Look at Flowers

Name of Flower: _____

Describe the parts of the flower. Include number of various parts, size (length or diameter), colors, patterns, texture (smooth, rough, sticky), and shape. Draw them if you can.

Sepal:

Petals

Stamens (Anther & Filament)

Pistil (Stigma, Style, & Ovary)

Scent

What type of pollinator do you predict would pollinate this flower? Why?

If this flower has nectar guides please describe them. _____

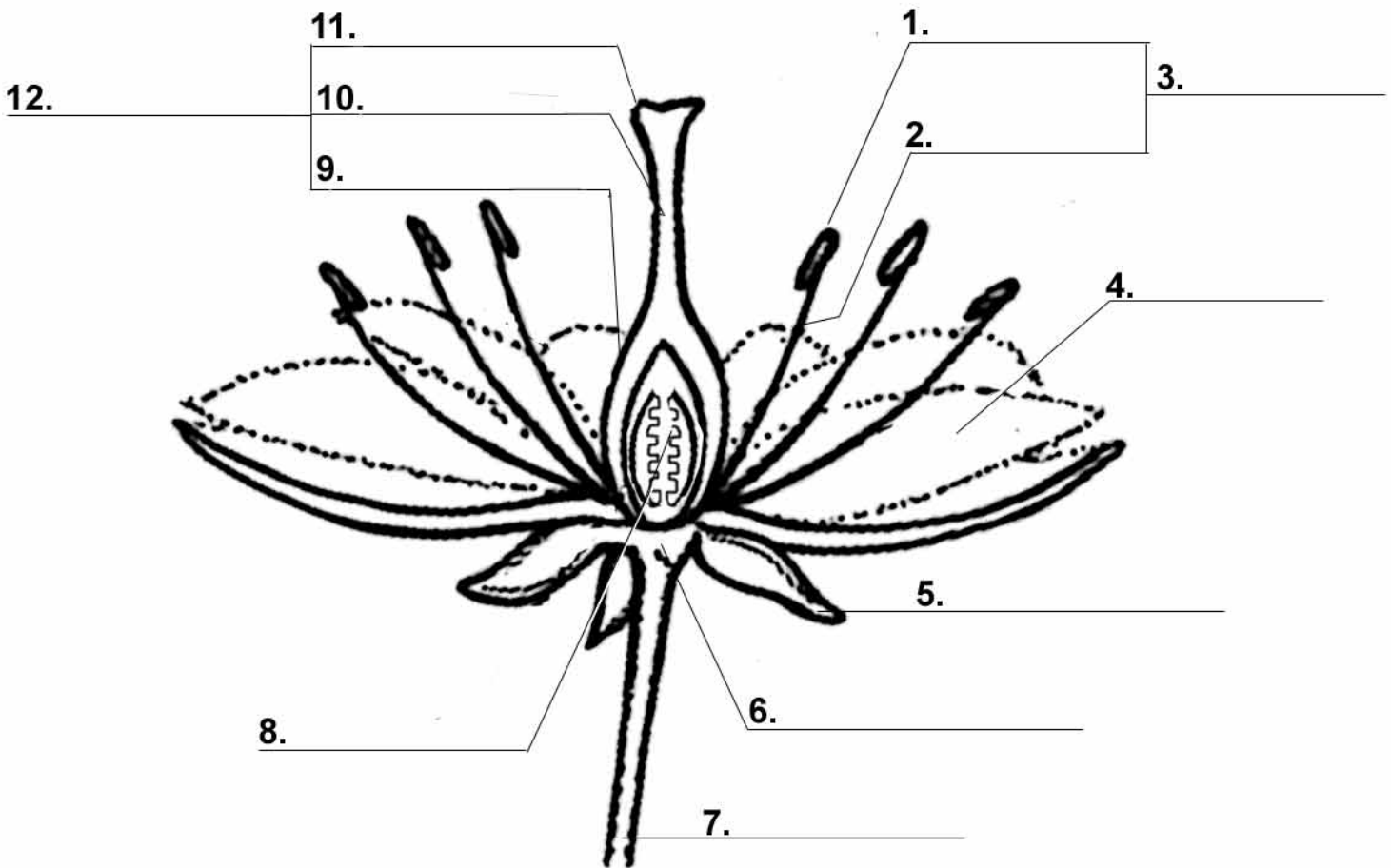
FLOWER ANATOMY SHEET

Using the following words, label the flower diagram below:

stigma
anther
filament
pedicel

petal
style
receptacle
ovary

ovule
pistil
stamen
sepal



Longitudinal section of a dicotyledon flower

Design Your Own Flower

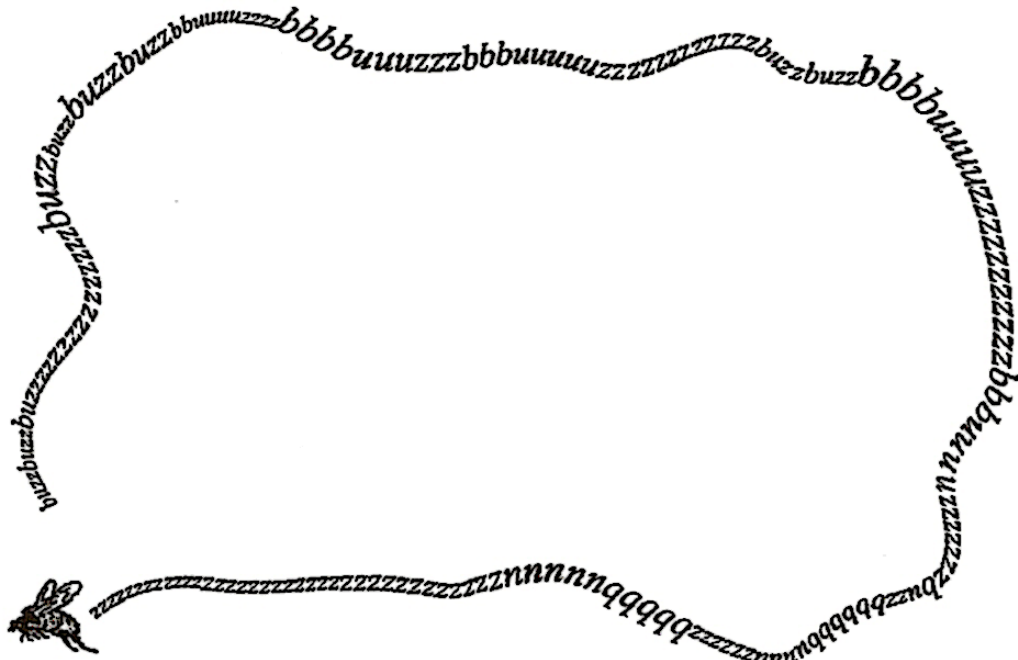
Fill out your preferences and give them to your partner:

Your favorite color: _____

Your favorite shape: _____

A smell you like: _____

Your favorite snack: _____



Imagine you are a flower adapting to your partner's preferences. In the area above, draw a "designer" flower to suit these preferences. Then, describe why the flower you created would appeal to your partner:

Adapted from Smithsonian in the Classroom *Plants and Animals: Partners in Pollination*