



# Plant Collection

Name \_\_\_\_\_

COLLECT the following.

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Period \_\_\_\_\_

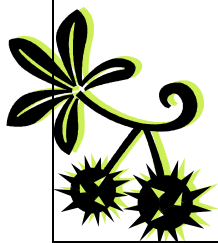
NOTE: USE ONE OR TWO strips of clear tape to attach each.

I. FLOWERS and CONES are r\_\_\_\_\_ parts of seed plants that complete S \_\_\_\_\_ REPRODUCTION. A POLLEN grain carries a SPERM CELL to an EGG CELL in the OVULE of the FLOWER. If the E\_\_ and SPERM CELL combine, FERTILIZATION is followed by MITOSIS and the formation of an EM \_\_\_\_\_ plant inside of a SE \_\_\_\_.

FLOWER	FLOWER or CONE SCALE
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II. After FERTILIZATION, SEEDS are formed. FRUITS are formed around s\_\_\_\_\_ for p\_\_\_\_\_ and SEED DISPERSAL, which means to \_\_\_\_\_.

FRUIT for SEED DISPERSAL by wind.	FRUIT for SEED DISPERSAL by animal eating.
FRUIT for seed DISPERSAL by animal fur or hitch-hiking.	FRUIT for SEED DISPERSAL by mechanical or "pop-out".





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III. LEAVES use w\_\_\_\_\_ and \_\_\_\_\_ to store energy from the \_\_\_\_\_ to make \_\_\_\_\_. This is what puts PLANTS in the Energy/Food Web as p\_\_\_\_\_. The light energy is changed to CHEMI\_\_\_\_ EN\_\_\_\_\_ and is then released by all other forms of life. When the CHEMI\_\_\_\_ EN\_\_\_\_\_ is released from food it may be changed to HE\_\_ ENERGY or ENERGY OF MOVEMENT, which is also called MECH\_\_\_\_\_ ENERGY. It may also be stored and used by the next CONSU\_\_\_\_\_.

Simple LEAF with pinnate (feather) vein pattern.



Simple LEAF with palmate venation.



Simple LEAF with parallel venation.



Simple LEAF with \_\_\_\_\_



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Scale-Like LEAF



Needle-Like LEAF



Compound LEAF in pinnate pattern.



Compound LEAF with palmate pattern.

