SCIENCE TEST
7th Grade – I Partial

Student's Name:

Teacher's Name: Mr. Guierrez   **Score:** _____

School Year: 2020 – 2021   **Points: 35%**

Topics: Scientific Reasoning, Flowering Plants Monocot Families, Leaves, Photosynthesis and Respiration

Date:

PART I. TRUE OR FALSE   10 pts. (1 pts. each)

INSTRUCTIONS: Write in the parenthesis a **T** if the statement is true and an **F** if it is false. **If the answer is false, justify your answer by filling in the blank.**

1. **Inference** is a conclusion based on reasoning from evidence ....……............... [ ]
_____

2. **Logicians** are people who likes to talk about science ....…........................……...... [ ]
_____

3. **Green Plants** are among the most important of God's provisions for life on Earth ...….......... [ ]
_____

4. **Petals** often serve to attract insects or birds that pollinate the plant ....….....… [ ]
_____

5. **Pollination** is the transfer of polen from the anther to the stigma ....…..... [ ]
_____

6. **Fertilization** is when the plant is death and becomes fertilizer ....…................. [ ]
_____

7. **Pollination and Fertilization** are crucial in the reproductive cycle of a plant .... [ ]
_____

8. Bees, moths, ants, bats, and some birds are called **pollinators** ....…................. [ ]
_____

9. **Dicots** are plants that have one cotyledon ....……....................... [ ]
_____

10. **Monocots** are plants that have two or more cotyledons ....…......... [ ]
_____

PART II. MATCHING
                                                    7 pts. (1 pt. each)

Instructions: Match the **Angiosperm Family on column A** to its each **plants examples on column B.**

COLUMN A	COLUMN B
1. Composite Family	- apple, cherry, peach, roses, apricot, blackberry, raspberry, and almond.
2. Pea Family	- columbine, peony, buttercup, and larkspur.
3. Rose Family	- asters, sunflowers, daisies, and black-eyed Susan's.
4. Buttercup Family	- catnip, basil, sage, marjoram, and thyme.
5. Mint Family	- snowball bush and honeysuckle.
6. Honeysuckle Family	- vetch, sweet peas, wisterias, locust trees, and mimosa trees.
7. Parsley Family	- African lily, dill, parsnip, close-up umbel, and Queen Anne's lace.

PART III. MULTIPLE CHOICE
                                                    10 pts. (1pt. each)

Instructions: circle the word or date that best matches each statement.
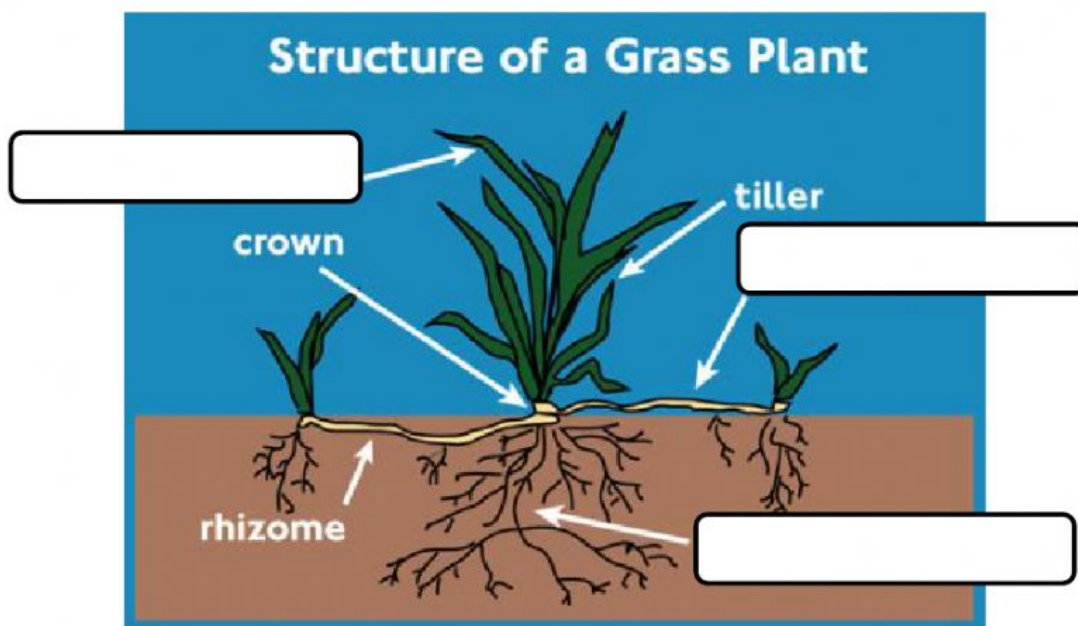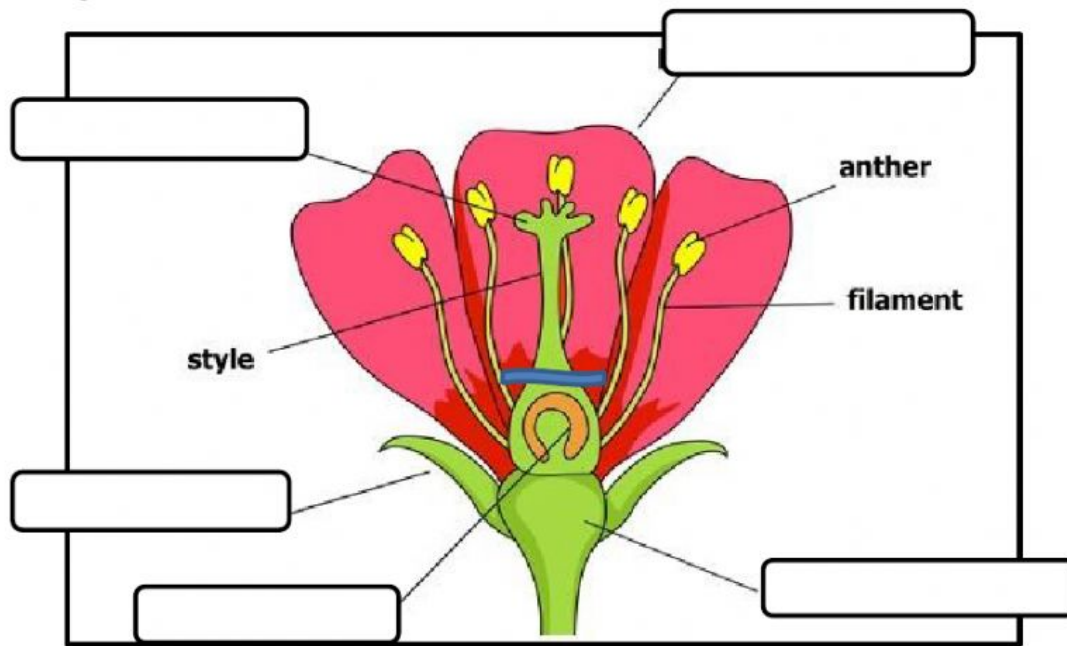
1. The study of reasoning. **(1 pt.)**

   a) Scientist   b) Logic   c) inference

2. Uses more general evidence to make a specific inference. **(1 pt.)**

   a) Deductive Reasoning   b) Scientific Reasoning   c) Inductive Reasoning

3. Uses specific evidence to make a general inference. **(1pt.)**

   a) Deductive Reasoning   b) Scientific Reasoning   c) Inductive Reasoning

4) Scientists specialized in plants. **(1pt.)**

   a) Botany   b) Botanist   c) Bio Scientists

5) Basic design and primary function of all flowers **(1pt.)**

   a) Reproduction of the plant   b) Provide Food   c) Help to the air

6) Leaf-like structures that surround the base of the petals. **(1pt.)**

   a) Petals   b) Stamens   c) Sepals

7) Means being pollinated by its own pollen. **(1pt.)**

   a) Self-pollination   b) Own-pollination   C) Individual pollen

8) Transfer of pollen from one flower to another. **(1pt.)**

   a) Mix-pollination   b) Cross-pollination   C) Pollen tube

9) Male reproductive cell in the flowers reproduction. **(1pt.)**

   a) Egg cell   b) Sperm cell   C) A and B are correct

10. Female reproductive cell in the flowers reproduction. **(1pt.)**

   a) Egg cell   b) Sperm cell   C) A and B are correct

PART V. PRACTICE
8 pts. (1 pt. each)

INSTRUCTIONS: Complete the Diagram writing parts of the Flower and the parts of a Grass Plant that are missing.

anther

filament

style

Structure of a Grass Plant

crown

tiller

rhizome

Don´t limit your challenges, challenge your limits.

Mr. Gutierrez