



Parts of a Plant: Passionflower Vine

Inside, Outside, Over & Below

Name: _____ Date: _____

Go into your habitat lab to find the passionflower vine with a flower on it.

1. Draw a picture of the plant.

2. Label its parts including its:

- ☐ flower,
- ☐ leaves,
- ☐ roots, and
- ☐ stem.

3. Draw a picture of the flower.

4. Label the parts of the flower that you can see including its:

- ☐ anther,
- ☐ filament,
- ☐ ovary,
- ☐ ovules,
- ☐ pistil,
- ☐ stamen,
- ☐ stigma, and
- ☐ style.

5. Describe the flower's color, shape, and smell. How does this help the plant?



6. What do the stamen and the pistil (in the flower) do to help the whole plant?

7. How does the stem, including the phloem and xylem, help the whole plant?

8. How do the leaves use photosynthesis to help the whole plant?

Pull up a **weed!** Use a magnifying glass to examine its **roots**.

9. Sketch the roots in the box.

10. Is there a solid central taproot or a network of smaller fibrous roots?



11. What do the roots do to help the whole plant?

12. Do you think xylem and phloem are also in roots? Explain your answer.

