**Seed Dissection Lab Sheet**

**Question:** What is inside a seed? Write a hypothesis.

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**Dry Seed Observation**

1. Look carefully at the pinto bean. Examine it with a hands lens.

2. Describe what you see. \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

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**Soaked Seed Observation**

1. Use a hand lens to examine the soaked pinto bean. Compare the soaked bean to the dry bean. What differences do you see?

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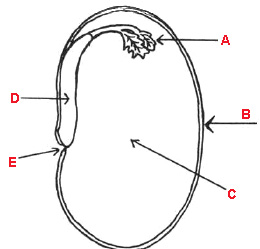
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1. Carefully remove the outside covering of the soaked bean. Gently pull apart the two halves of the seed. Examine each half with a hands lens.

What do you inside the seed? \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

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1. Draw what you see inside the bean.
2. Label the parts of a seed: seed coat, baby plant (embryo), seed food (cotelydon), root, weak spot.



**Plant Growth Lab Sheet**

**Question:** What does a plant need to grow. Write a hypothesis.

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