Name: _____ Date: _____

Grow a Bean in a Bag

Circle group

You can watch a seed come to life. You need a dry bean, a paper towel, and a clear bag. Do not eat the bean. It is just for watching.

Wet the paper towel. It should be damp, not dripping. Put the bean in the fold. Slide the towel into the bag.

Tape the bag to a sunny window. Look at it each day.

In a few days, the bean gets big. Its skin cracks. A white root grows down. Later, a green shoot grows up. The seed is now a baby plant.

Questions

1. What do you need to grow a bean in a bag?

_____

_____

2. How wet should the paper towel be?

_____

_____

3. Where do you tape the bag?

_____

_____

4. What grows out of the bean first?

_____

_____

5. Why is a clear bag a good choice?

_____

_____

Words to know

damp: a little bit wet
root: the part of a plant that grows down into the ground
shoot: the new green part of a plant that grows up

tape: to stick something with sticky strips

Talk together (every group has these)

1. Find one fact that every group read. How did your sheet say it?
2. What did your sheet tell you that you think another group's did not? Ask them.
3. What is one question about this topic that none of the sheets answered?

Name: _____ Date: _____

Grow a Bean in a Bag

Triangle group

You can watch a seed come to life. All you need is a dry bean, a paper towel, and a clear plastic bag. You are not going to eat this bean. It is just for watching.

First, wet the paper towel and fold it. It should be damp, not dripping. Next, put the bean inside the fold. Slide the paper towel into the bag.

Then tape the bag to a sunny window. Look at it each day.

In a few days, the bean gets bigger and its skin cracks open. A white root pokes out and grows down. Later, a green shoot grows up. Now the seed has become a baby plant.

Questions

1. What three things do you need to grow a bean in a bag?

_____

_____

2. How wet should the paper towel be?

_____

_____

3. Where should you tape the bag?

_____

_____

4. What comes out of the bean first?

_____

_____

5. Why is a clear bag a good choice?

_____

_____

Words to know

damp: a little bit wet
root: the part of a plant that grows down into the ground
shoot: the new green part of a plant that grows up

tape: to stick something with sticky strips

Talk together (every group has these)

1. Find one fact that every group read. How did your sheet say it?
2. What did your sheet tell you that you think another group's did not? Ask them.
3. What is one question about this topic that none of the sheets answered?

Name: _____ Date: _____

Grow a Bean in a Bag

Square group

You can watch a seed come to life right in front of you. All you need is a dry bean, a paper towel, and a clear plastic bag. You are not going to eat this bean, because it is only for observing.

First, wet the paper towel and fold it. It should feel damp, but it should not be dripping. Next, place the bean inside the fold and slide the paper towel into the bag.

Then tape the bag to a sunny window, and check on it every day.

After a few days, the bean swells and its skin cracks open. A white root pokes out and grows downward. Later, a green shoot rises upward. By then, the seed has turned into a baby plant.

Questions

1. What three things do you need to grow a bean in a bag?

_____

_____

2. How wet should the paper towel feel?

_____

_____

3. Where should you tape the bag?

_____

_____

4. What comes out of the bean first?

_____

_____

5. Why is a clear plastic bag a smart choice?

_____

_____

Words to know

damp: a little bit wet
root: the part of a plant that grows down into the ground
shoot: the new green part of a plant that grows up
tape: to stick something with sticky strips

Talk together (every group has these)

1. Find one fact that every group read. How did your sheet say it?
2. What did your sheet tell you that you think another group's did not? Ask them.
3. What is one question about this topic that none of the sheets answered?

For the teacher: Grow a Bean in a Bag

Each student sheet carries a shape, not a level. The same topic and facts, written three ways.

Circle: Grow a Bean in a Bag

Easier · 93 words · Flesch-Kincaid grade 0.2

1. A dry bean, a paper towel, and a clear bag.
2. Damp, not dripping.
3. To a sunny window.
4. A white root.
5. You can see the bean change.

Triangle: Grow a Bean in a Bag

This passage · 112 words · Flesch-Kincaid grade 1.2

1. A dry bean, a paper towel, and a clear plastic bag.
2. Damp, not dripping.
3. To a sunny window.
4. A white root grows down.
5. You can see the bean change without opening the bag.

Square: Grow a Bean in a Bag

Harder · 125 words · Flesch-Kincaid grade 3.1

1. A dry bean, a paper towel, and a clear plastic bag.
2. Damp, but not dripping.
3. To a sunny window.
4. A white root that grows downward.
5. You can watch the bean change without opening the bag.