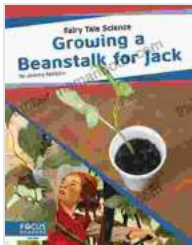


Growing Beanstalks for Jack's Fairy Tale Science

Jack and the Beanstalk is a classic fairy tale that has been enjoyed by children for generations. In the story, Jack trades a cow for some magic beans. He plants the beans, and they grow into a giant beanstalk that reaches up into the clouds. Jack climbs the beanstalk and finds himself in a land of giants. He has many adventures, and eventually returns home with a bag of gold.

Growing your own beanstalk is a fun and educational project that is perfect for kids of all ages. It is a great way to learn about plants and science. You can even use your beanstalk to tell your own fairy tale.



Growing a Beanstalk for Jack (Fairy Tale Science)

by Joanne Mattern

★★★★☆ 4.6 out of 5

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Materials

To grow your own beanstalk, you will need the following materials:

- Dried bean seeds

- Potting soil
- A pot or container with drainage holes
- Water
- A sunny spot

Instructions

1. Fill a pot or container with potting soil. Make sure the pot has drainage holes.
2. Plant the bean seeds in the soil. Plant them about 1 inch deep and 2 inches apart.
3. Water the soil well.
4. Place the pot in a sunny spot.
5. Keep the soil moist but not soggy.
6. In a few days, the seeds will germinate and begin to grow.
7. As the beanstalks grow, you can train them to climb up a support, such as a trellis or a stick.
8. With a little care, your beanstalks will grow tall and strong.

Science

Growing a beanstalk is a great way to learn about plants and science. Here are a few of the things you can learn:

- **Germination:** Germination is the process by which a seed begins to grow. When you plant a bean seed, it absorbs water and begins to

sprout. The sprout grows into a seedling, which eventually becomes a plant.

- **Photosynthesis:** Photosynthesis is the process by which plants use sunlight to convert carbon dioxide and water into glucose, a type of sugar. Glucose is the food that plants need to grow.
- **Transpiration:** Transpiration is the process by which plants release water vapor into the atmosphere. Transpiration helps to cool plants and move water and nutrients throughout the plant.

Fairy Tale

Once your beanstalks have grown, you can use them to tell your own fairy tale. Here is a sample story:

Once upon a time, there was a young boy named Jack. Jack was very poor, and he lived with his mother in a small cottage. One day, Jack's mother sent him to the market to sell their last cow. On the way to the market, Jack met a strange old man. The old man offered Jack some magic beans in exchange for the cow. Jack was hesitant, but he eventually agreed.

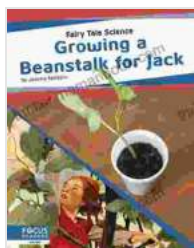
Jack took the beans home and planted them in the ground. The next morning, Jack woke up to find that the beans had grown into a giant beanstalk. Jack climbed up the beanstalk and found himself in a land of giants.

Jack had many adventures in the land of giants. He met a friendly giant who gave him a bag of gold. Jack also met a wicked giant who chased him

down the beanstalk. Jack escaped by chopping down the beanstalk with an axe.

Jack climbed down the beanstalk and returned home to his mother. He gave her the bag of gold, and they lived happily ever after.

Growing a beanstalk is a fun and educational project that is perfect for kids of all ages. It is a great way to learn about plants, science, and fairy tales. So what are you waiting for? Start growing your own beanstalk today!



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