

How does **STEAM** work?

We all know the classic story of *Jack and the Beanstalk*. With **STEAM**, this familiar tale can truly come to life through a variety of learning experiences and discussions.



1

Read or tell the story. Offer critical-thinking questions such as, "Why do you think that happened?" **(Language Arts)**

2



Introduce the concept of seeds and how plants grow. **(Science)**



3

In small groups, work together to design and build a classroom garden. **(Visual Arts/Engineering)**

4



Use a variety of tools and materials to create and maintain the garden. **(Technology)**



5

Provide children with seeds to plant and observe how they grow. **(Science)**

6



Measure and chart plant growth and compare the results. **(Math)**



7

Discuss and hypothesize ways to promote plant growth. **(Science)**

8



Create a new collaborative version of the story, using the children's ideas. It can be written and illustrated on a tablet. **(Language and Visual Arts/Technology)**

