

NAME

EXPLODING SEEDS

You'll need

Pom-poms
Paper cup
Balloon
Tape/elastic band
Scissors



Make your own exploding seed pod

It's not quite the exact mechanism, but you can explode pretend seeds from a cup to demonstrate the process of how seeds shoot away from a parent plant.

Instructions

Carefully cut the bottom off the paper cup.
Tie the end of the balloon and cut the opposite end off.
Attach the tied section of the balloon to the bottom of the cup.
Use tape or an elastic band to secure the balloon in place.
Fill the cup with pom-poms, hold it in the air, pull back the balloon end and let go.

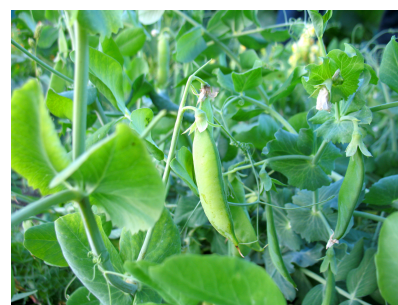
Extension Ideas

Try holding the cup at different angles to investigate how far you can make the pom-pom seeds spread!

Examples of exploding seed plants



Squirting Cucumber



Peas

Once a plant has made seeds, they need to be dispersed.
Seed dispersal is the scattering of seeds. If seeds just dropped next to the parent plant, they would be competing for nutrients and light, so it's better if seeds are spread out, allowing them to grow with less competition from other plants.

NAME

EXPLODING SEED DEVICE

I am trying to find out

I predict that

Design

The seeds were dispersed the most when

Next time I will...

My test was fair because

