



STAY CONNECTED.

STAY CURIOUS.

Super Seeds!

When plants are too close together, they compete for sunlight, water, and nutrients. How do plants spread their seeds? Plants have different methods: floating, sticking, bursting, flying, and getting eaten. Pretend you are a plant and need to spread your seeds to meet the challenges.

You'll need:

- Pom-poms or other “seeds”
- Helicopter template
- Paperclip
- Ruler
- Scissors
- Other materials to test: Velcro, balloon, paper, toilet paper tube, etc.

Challenges:

- **Fly far:** Design a seed that flies, landing at least one foot away.
- **Stick to it:** Design a seed that sticks to a person’s clothing and travels at least four feet.
- **Burst out:** Design a seed that can burst out and travel more than three feet.
- **Stay afloat:** Design a seed that floats in water for at least three minutes.

What to do:

1. Use the template to make a paper helicopter.
2. Push a pom-pom (or other “seed”) into the end of a paperclip and attach it to the bottom of the helicopter.
3. Hold the “seed” as high as you can and drop it. What happens? Where did it land? Would it go farther if you were outside on a windy day?
4. Try making other types of seeds to meet the other challenges!

