

Slippery leaves

What you will need:

4 leaves with a small stem

String

A ruler or a stick

Petroleum jelly

(Think back to what you know about plants. Today we are going to carry out small experiment to see how moisture affects leaves.)

1. First tie a piece of string to the stem on each leaf. Then tie the other end to your stick or ruler. Spread the leaves out so that they are not touching each other.
2. Next, on the first leaf, smear petroleum jelly on both sides.

On the second leaf, put petroleum jelly on only the bottom side of the leaf.

On the third, only on the topside of the leaf.

Leave the last leaf without any petroleum jelly.

What do you think will happen to each of the leaves? Why do you think this?

3. Leave the leaves for a few days.

4. Record the differences. **Why do you think this has happened?**