

PLANTS (teacher's notes)

SPREADING

Activity 1: We want to have a new plant! What can we do?

We can have a new plant using:

- seeds
- bulbs are short and thick stems that grow underground and have swollen leaves around them such as the ones we find in tulips, garlic or onions.
- tubers are swollen stems that grow underground such as potatoes.
- rhizomes are horizontal stems that produce roots, stems and leaves, as for example in iris.
- leaves that take root as for example sedum rubrotinctum.
- runners or stolons are leafy stems that grow along the ground and a new plant develops at a leaf node, as for example in strawberries.
- cutting when you take a piece of stem or leaf and place them in water until roots grow.
- plantlets at leaf tips and when they are mature they fall off, as for example in chandelier plants.
- micropropagation is done by scientists from a few cells taken from the growing area of the plant.