Cuttings
Purpose To grow a new plant from a cutting.
Materials
House plant, such as ivy
Scissors
Small jar
Tap water
Procedure
• Cut off a stem with leaves from the plant.
• Place the cut end of the stem in the jar filled with water.
• Observe the bottom of the stem for several days.
Results Tiny roots start to grow.
Why? Many house plants and especially ivy will easily form roots on cut stems. This is one way in which plants produce new plants other than by seed growth. For the plant top to continue to grow, it must be planted in soil or nutrients must be added to the water.