



SUCCULENTS

WHAT ARE THEY?

- ✘ Succulents are plants that can store water during the wet season
- ✘ They are sometimes called ‘fat plants’
- ✘ They store the water in the roots, stems and/or leaves
- ✘ This allows them to survive long droughts



REPRODUCTION

- ✘ They can be reproduced through seeds, cuttings and division



REPRODUCTION

- ✘ Seeds take a very long time to grow



REPRODUCTION

- ✘ Division means separating new plants from older plants



REPRODUCTION

- ✘ Cuttings mean using pieces of the plant to grow a new one
- ✘ They are faster
- ✘ We will try these today



CUTTINGS

- ✘ There are three parts of the plant we will be concerned with:



CROWN

- ✘ Using a sharp knife, slice the crown of the plant off
- ✘ It needs to be a clean cut
- ✘ It might leak sap at first
 - set it on a tray to callus/scab over



CROWN

- ✘ In a few days, calluses will have formed
- ✘ The crown will be planted in soil



LEAVES

- ✘ Gently twist the leaf off the stem
- ✘ You want all of the leaf; if some of the stem comes, that is OK



LEAVES

- ✘ Again, set the leaves aside to callus over



LEAVES

- ✘ In a few days, calluses will have formed
- ✘ The leaves will be placed on the surface of the soil



STEM

- ✦ Cut the stem off, leaving a few spots where leaves were joined



TODAY:

1. In groups of 3, Ms. Carew will give you a succulent. Your first step is to use an ipad to identify the kind of succulent you have been given.
2. Begin the process of crown, leaf and stem cuttings. Label the tray / container with the kind of succulent.

TODAY:

3. If you need to, repot the stem.
4. Place your crown, leaf and stem cuttings in one of the cupboards in the classroom.
5. Ask Ms. Carew what you can do next.