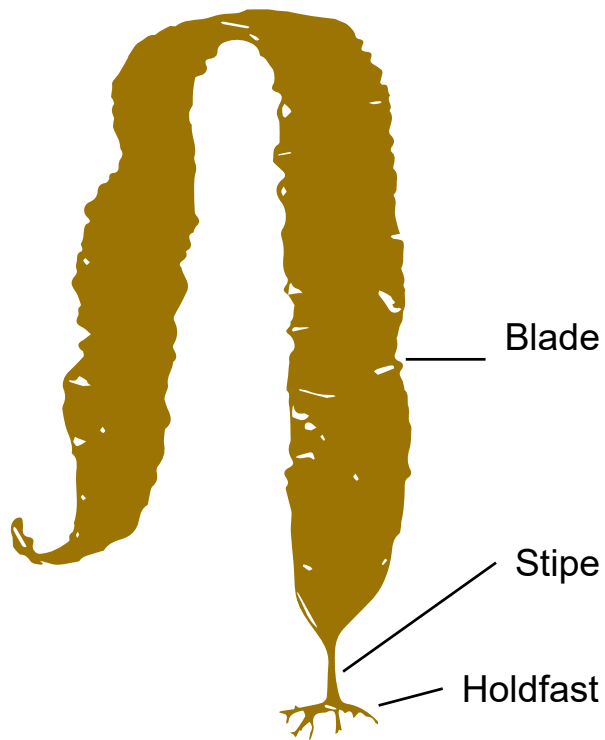
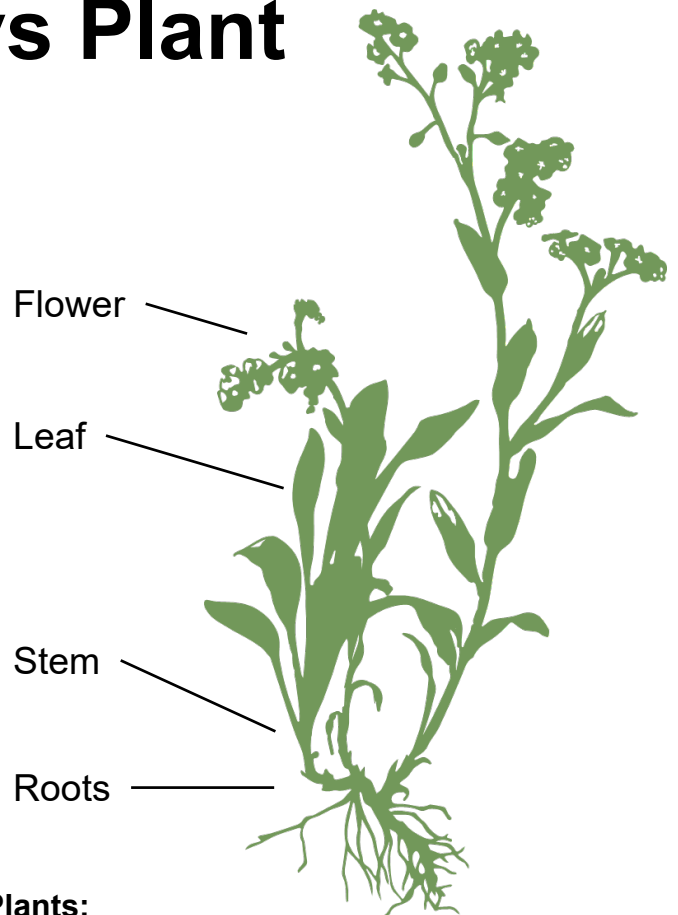


Seaweed vs Plant



Seaweeds:

- May be unicellular, colonial, or multicellular
- Holdfast, stipes, and blades compose multicellular algae
- Each cell in algae must obtain its own nutrients from water for survival
- Photosynthetic
- Can be found on land and water
- Reproduction: can reproduce through tiny spores or by replication of the growth of broken pieces



Plants:

- Only multicellular
- Roots, stems, leaves, flowers, fruits, seeds, and cones
- Have vascular systems
- Photosynthetic
- Can be found on land and water
- Reproduction: complex, multi-cellular reproductive systems and certain species require assistance from wind, insects, or bats for pollination

Describe the similarities and differences between seaweeds and plants in your own words:



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Seaweed or Plant?

1) Examine a piece of k'áach (dulse) and a lettuce leaf to determine if there are differences between the two samples. Begin by making a prediction about what you think you may observe after examine both specimens.

Prediction:

2) Take a few minutes to then carefully look at the samples up close, using only your eyes and draw what you see:

What differences did you observe with your own eyes?

3) Now, use a microscope to observe the samples at 40X and draw what you see:

What differences did you observe when looking through a microscope?