

Exploring leaves



**Look at, touch and smell the leaves in front of you.
Talk with your partner about what you notice.
Say what is the same or different about the leaves.**

Challenge 1:

Guess the leaf: one person must describe a leaf, giving as many clues as possible, while everyone else guesses which of the leaves it is. Keep a score. The person who guesses the correct leaf gets 1 point. For an extra challenge: the person describing the leaf must only give one clue at a time. Every time they give an extra clue, they get 1 point.

Challenge 2:

Sort the leaves: sort the pile of leaves into groups. You must decide as a team on the best way to do this. Write a label for each of the groups.

Challenge 3:

What do you notice? Write a list of as many features as you can that all the leaves have.

Write a list of features that only some of the leaves have.

Using your first list (of features that all the leaves have) answer these questions:

- Are any plants whose leaves do not have these features?
- Why do you think all of the leaves you looked at have these features?