

Science

To apply classification concepts to living things

Your task is to group and classify plants based on their features to help workers at a local garden centre to arrange their plants in a suitable way:

Your Task - to help the staff at Sunny View Garden Centre to organise their plants in the best possible way ready for the visit of Professor G. Reen.

Challenge 1 - group approximately 20 plants according to the habitat in which the plant would grow best. Create a label for two or three plants which states the group that it belongs to, e.g. ferns, conifers or flowering plants.

Challenge 2 - classify approximately 30 plants scientifically according to your chosen criteria. Create a poster-sized floor plan based on this.

Challenge 3 - classify approximately 40 plants according to your chosen criteria. Create a map that Professor G. Reen can use for his visit.

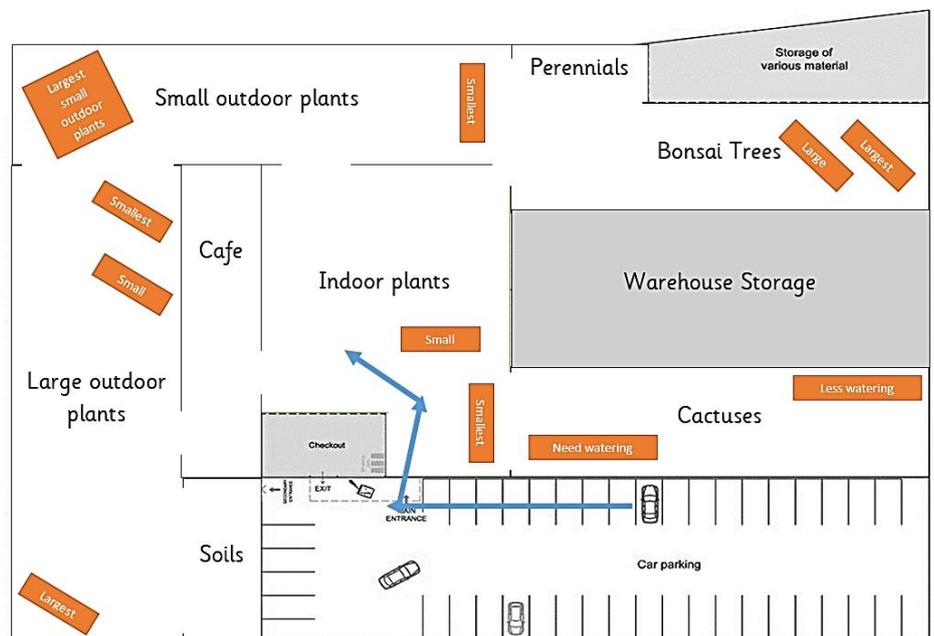
Things to consider:

- Colour
- Size
- Soil preference
- Diet
- Water dependence
- Weather preference
- Climate conditions
- Indoor/outdoor plants
- Bulbs or seeds?

If you are grouping the plants, you may only wish to consider a few of the classifications above. Those of you that want a challenge will need to consider the spacing of these plants by creating a floor plan that aids the workers in looking after the plants whilst reducing their overall workload.

In your pack, you will have received a floorplan example like this:

You are expected to arrange your plants to fill the floor space whilst considering the journey of a customer to your garden centre. If you are challenging yourself even further and attempting the CH3 task, you will need to include an arrow and a brief synopsis as to what Professor G. Reen would see whilst visiting the garden centre. Focus on an analysis of why specific plants are arranged as they are and why they have been grouped/classified together. You may also wish to provide a key for indoor/outdoor areas.



How do garden centres classify their plants for display?

Look ahead to get some ideas...



Don't forget!



- Professor G Reen is visiting the garden centre next week.
- He is a botanist and is passionate about plants.
- His visit is very important to Sunny View as it will bring valuable publicity and a TV crew will be following him during the day.
- Your job is re-organise the plants on display to show that Sunny View is the best garden centre for miles!

