Cúrsaí Teagaisc

Eanáir / Feabhra – Gairdín phlandai tí na scoile



General care of houseplants

Regularly check for watering requirements. Stick

finger 2.5cm into soil. If it seems dry give plant a

good drink of tepid rain water. If soil feels moist

don't water. Water sparingly in winter and don't

* These tropical plants need plenty of humidity.

Place the pots on trays filled with a 2.5 cm layer

of grit, gravel or small pebbles. Keep this moist

(do not let water cover the pebbles). As it dries

out it will add humidity to the plant. Mist the

foliage regularly with a fine spray of tepid water. In winter only do this in the morning.

Sponge leaves regularly with tepid water to remove dust which clogs up the leaves.

Feed every two weeks from spring to autumn with a suitable indoor plant fertiliser.

regularly. Spray mealybugs, whiteflies, spider

mites and aphids with soapy water or a garlic

spray. Make the latter by mashing a garlic bulb

and leaving it overnight in water. Next day

strain and fill a spray gun. Remove pests with

* Pests and diseases: Remove dead leaves

Paddy Madden continues his series of SESE tips

January/February

Hands-on: the school indoor garden

What is it?

An indoor garden can be composed of: (a) health-giving plants; (b) desert plants; (c) seedlings; (d) humidity-loving plants; (e) citrus plants; (f) indoor bulbs.

Background information

Houseplants have been popular since the 17th century. Back then big houses grew oranges and lemons indoors. In Victorian times a craze developed for bottle gardens and ferns.

Did you know?

- 1. All houseplants absorb toxins from the air. These toxins such as formaldehyde are emitted from manufactured and synthetic materials in the average room. These gases can cause headaches, eye, throat and nose irritation and fatigue.
- 2. If the humidity in a room is too high or low it can make occupants more prone to illnesses such as colds and flu. Indoor plants help to produce the ideal roomhumidity through their transpiration and evaporation processes.

Health-giving plants

Five easy to maintain plants which absorb toxins from the air. NASA recommends 1 plant per 10m² of room space.

Spider Plant (Chlorophytum) Repot once a year in spring. Avoid

too much sun. North-facing window ideal. Snip off

offshoots and place in water to root.

Boston Fern (Nephrolepsis exaltata) Likes indirect light. Soak roots in

> water for a few hours if it becomes too dry. Likes lots of humidity. Spray once a day. Keep plant in tray of

pebbles half-filled with water.

(Spathiphyllum) Likes indirect sunlight. Spray with **Peace Lily**

fine mist twice a week. Keep in tray of pebbles like

Boston Fern. Repot annually in spring.

Mother in law's tongue (Sansevieria trifisciata) Sometimes called 'Snake

Plant'. Grows in any situation. Water when compost dries out. Water sparingly in winter. Feed once a month

spring to autumn.

Aloe Vera (Aloe barbadensis) Easy to grow. Full light.

> In winter water once or twice a month. Feed once a month from spring to autumn.

Spider

nlant





Mother

in Law's

Tongue



Bottle garden

Good resource for teaching and learning about the rainforest. See www.blackrockec.ie/ content/paddys-school -garden

Lithops - 'living stones'.



This can be a stimulus for lessons on deserts. You will need: a shallow tray such a seed-tray or cat litter tray (make drainage holes in the bottom with nail scissors); three or four cacti such as Cleistocactus straussii, Trichocereus candicans, Mammalaria bocasana, Gymnocalycium mihanovichii Hibotan, Cereus peruviana, Rebutia and Chamaecereus; strong gloves and newspaper; watering can with rainwater; grit, sand and pebbles; rosette succulent such as Sempervivum for variety and Lithops; miniature camel.

- # Place a thin layer of grit over the bottom of the tray.
- # Add c.2.5cm of cactus compost. Make holes for plants.

globular ones like Rebutia and rosette shaped ones such as

Chamaecereus or Sempervivum at the front.

- Surround plants with golden sand, pebbles and camels. Keep in sunny place. Water with tepid water.
- Aftercare: Let compost dry out between watering; increase watering in April. From May to August water well with tepid water when compost dries out. Less water in September. From October to March need little or no water; if in pots re-pot annually when young. After that only re-pot when they grow near the rim.
- # Amazing! Lithops or Living Stones avoid being eaten by











