

# EcoMarines Healthy Habitats Challenge:

## How to Make a Frog Hotel!



### Background:

Australia has over 210 frog species. Frogs occupy their time in both land and water environments. Throughout their larval and tadpole life stages they remain in water, however as adults they spend most of the days on land.

Frogs play a key role in food webs – both as a prey and predator.



They are also good indicators of the health of the surrounding environment.

Frogs have very sensitive skin and chemicals and pollutants in water can travel through the skin into their organs because the skin is 'permeable'. Especially, in the tadpole stage, chemicals and pollutants can travel into the body far quicker because tadpoles have gills.

Therefore, it is vital that we provide save homes for frogs in local environment. We are so lucky in Australia that we have many frog species that like to call local and household gardens home. The main frog species we see are Green Tree Frogs!



### What You Will Need:

- **Old PVC pipes** – ideally different sizes (so they can be suitable for different sized frogs)\***ask your parents/teacher or groundskeeper for these pipes and also ask them if they can safely cut the pipes to different lengths e.g. 60cms, 30cms, 10cms etc. (60cms is an ideal height to keep the Cane Toads out)**
- **An old tub or medium-sized container** - where the pipes can stand up on
- **Cable ties** – used for tying the pipes together to secure their arrangement
- **Gravel, rocks or some soil** – to support the pipes within the tub/large container
- **(Optional) native plants** – to plant within the soil



### Ideal Location:

- Shady and moist environment
- Sheltered by surrounding vegetation
- Close to a pool of water

### How To Assemble:

1. Place the container in the ideal location and arrange the pipes towards the back
2. Add gravel, rocks, or soil around the container with the optional plant. Get creative with your layout!
3. Add some water to the container and inside the pipes to keep the hotel moist and cool