

Infinity Frog Lifecycle

Materials: White cardstock or sturdy paper printed with **template**, scissors, double-sided tape, and colouring supplies

Procedure: (Sharing Inspiration)

1) Begin by having each student carefully cut out the rectangles on the cardstock printed with the template provided. Each student will need 8 rectangles in total. Once each student has cut out the required pieces, the class can then follow the steps in this video www.youtube.com/watch?v=AtqbhZLrzFY&list=LL&index=1&t=49s. We make our flip books using white paper so we can draw on them afterwards.

2) Once the students have finished assembling their flipbooks, they will decorate each one of the four panels with one stage of a frog's life cycle. The life cycle order is as follows:

- **Eggs** - Frogs lay eggs in vernal pools, ditches, and permanent bodies of freshwater. The eggs are laid in clusters or clumps (but not always). They are clear and gelatinous on the outside with a small black centre that is the undeveloped tadpole.
- **Tadpole** - Once they have emerged from their eggs, the next step in their lifecycle is tadpoles. Tadpoles have round bodies, a tail, a small mouth and eyes, and internal gills that allow them to breathe underwater.
- **Froglet** - Froglets start to look quite similar to frogs but still have some features of a tadpole. In this stage their bodies start to take on a more frog-like shape, their arms and legs start to develop, and their tail starts to be reabsorbed into their bodies and they start to lose the function of their internal gills. In this stage, they can start to be found closer to the surface or the edge of the water as they're almost ready to move onto land.
- **Frog** - Fully mature frog. A mature frog is no longer able to breathe underwater and can be found on land. Despite being a land creature in this stage they are still often found in or around water because they need to keep their skin wet.

Once students have completed drawing in the panels they will have a book that flips four times with the four different stages of a frog's life cycle.

Hints, tips and tricks: This activity, while being complex, produces a super cool craft that drives home the life cycle of a frog. In our experience, children love the outcome and are excited to take it home.

