Subject: Science

Level: Standard 3

Strand: Individuals and groups

Topic: Stages of the metamorphosis process, example frog

Key Points

- Metamorphosis describes the stages of growth of a frog from an egg to an adult.
- These stages form the Life Cycle of the animal
- A frog has four stages in its life cycle
- These stages are:
    - Egg
    - Larva
    - Pupa
    - Adult

Practice Activity

View the following video, using the link (written in blue) below.

To play a video you will need to:

- keep your finger pressed on the Ctrl knob, at the bottom left of your key board.
- place the cursor (pointer) on the link until the "hand" comes up.
- click (left) on the link and the video will play.

Link for Video:Frog Song (Life Cycle of a Frog):

https://www.youtube.com/watch?v=MJOSoJNeu54

Look at the video as many times as needed and complete TABLE 1 below by filling in the appropriate words for 1 to 10, on the table.

TABLE 1: Complete metamorphosis of a frog

Stages in a typical life cycle with complete metamorphosis	**Name of stage in a frog**	**Environment where growth occurs**	**Appearance of frog at this stage of life cycle**
Egg	3.	Fresh water	8.
1.	tadpole	6.	Small gills, mouth and tail. Later two back legs form.
2.	4.	Fresh water	9.
Adult	5.	7.	10.

Answer Key

TABLE 1: Complete metamorphosis of a frog

Stages in a typical life cycle with complete metamorphosis	**Name of stage in a frog**	**Environment where growth occurs**	**Appearance of frog at this stage of life cycle**
Egg	**3.** **egg**	Fresh water	**8.** **Small and spherical with black centre.**
1. **Larva**	tadpole	**6.** **Fresh water**	Small gills, mouth and tail. Later two back legs form.
2. **Pupa**	**4.** **froglet**	Fresh water	**9.** **Larger than tadpole, with four legs and a tail.**
Adult	**5.** **Adult frog**	**7.** **Fresh water and land**	**10.** **Largest stage with no gills or tail. There are four legs.**

Acknowledgement:

Frog Song (Life Cycle of a Frog) | CoCoMelon Nursery Rhymes & Kids Songs
https://www.youtube.com/watch?v=MJOSoJNeu54