

Worksheet

1. Class : **Grade 8** Subject: **Science** Relevant week : **1st week of October**

2. Unit : **12** Life cycles of living organisms

3.Tasks to be done by the student:

- I. Read well and understand the 12th lesson in your science text book (Life cycles of living organisms).
- II. Collect some worms live on leaves of plants such as *Sesbania* or aththora and put them in to bottle. Close the opening of bottle while allowing air to enter. Observe the different stages of the worms and note down them.
- iii. Observe different stages of frog lives in an aquatic environment, identify the features of each stage and report them.

4. The books, websites, LMS lessons and other quality inputs (online, offline, printed) that can be refer for above activities are :

I. e -nenapiyasa:

- <https://drive.google.com/file/d/17mK9IUSqX6yU-Rf5W7AD33ToZPHIPsXx/view>
- <https://www.enenapiyasa.lk/lms/mod/page/view.php?id=18375>
- <https://www.enenapiyasa.lk/lms/mod/page/view.php?id=25694>
- <https://www.enenapiyasa.lk/lms/mod/page/view.php?id=25696>

II. Youtube:

- <https://www.youtube.com/watch?v=bbmmJjLbJCE>
- <https://www.youtube.com/watch?v=D7Q-SofTjI8>

5. The learning outcomes that should be gain from the lessons relevant to this week :

- I. Identify that every living being has a life span which is completed with a life cycle
- II. Describe the term metamorphism.
- III. Give examples for life cycles with metamorphism and life cycles without metamorphism

IV. Give examples for complete and incomplete metamorphism..

6. Evaluation / Assessment Methodology:

Select and underline the correct word from brackets to complete the sentences

- 1) The sequence of events in stages of development as a cyclic process, which a living organism passes from its(birth /death)is termed as a life
(sphere/cycle)
- 2)(Having/Not having) a process with
(identical/different) morphological changes in different stages of life cycle in some living organisms go through to become adults is referred to as metamorphosis.
- 3) Metamorphosis with (significant/minor) morphological differences in (internal/external) features in the different stages is known as complete metamorphosis.
- 4) Metamorphosis that(does/does not) show any significant morphological changes in the stages of life cycle is known as (complete/incomplete) metamorphosis.
- 5)(Butterflies/rats) are born from eggs. As the
(water/nutrients) inside the eggs are (sufficient/not sufficient) for them to become an adult, they(go/didn't go) through different stages.

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