

## Worksheet

1. Class : **Grade 8** Subject: **Science** Relevant week : **3<sup>rd</sup> week of October**

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

### **3.Tasks to be done by the student:**

- I. Read and understand the 12<sup>th</sup> lesson in your science text book
- II. Observe an agricultural land and make a list of pests that cause harms to crops.
- III. Make a list of eco-friendly pesticides that can be used to control pests.
- IV. Design a poster to show the adverse effects of chemical pesticides.

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. Accept that the stages of life cycles can be need to control pests effectively
- II. Accept the importance of protecting the sensitive stages of life cycles to conserve biodiversity

## 6. Evaluation / Assessment Methodology:

Place a tick ☒ if the given statements are correct and a cross ☐ if they are incorrect

- i. Larva and adult stages in life cycles are having same method of nutrition. ( )
- ii. Pupa is an inactive stage in insects' life cycles. ( )
- iii. Nymphs found in incomplete metamorphosis become adults by hatching several times. ( )
- iv. The nymph stage of cockroach does not have wings. ( )
- v. Chemical pesticides are harmful to the pests but they are more eco-friendly. ( )
- vi. Mealy bug cause damages to many crops. ( )
- vii. The stages in life cycles that can be destroyed completely due various reasons are known as sensitive stages. ( )

2. Write down the answers for following questions

I. Write down two importance of having different stages in life cycles for some animals.

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ii. Define "Disease vector"

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iii. State three reasons for having sensitive stages in animal life cycles

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**Prepared by: Zonal Education Office- Embilipitiya**  
**Name of the officer : - D.E.D – Nilukshi Gunewardane**  
**Translated by : H.A.Janani Kaushalya**