

SESSION NO.: 4

CLASS: 4

SUBJECT: SCIENCE

CHAPTER NUMBER: 8

CHAPTER NAME: ANIMALS: HOW LIFE GOES ON

SUB TOPIC: LIFE CYCLE OF A COCKROACH AND A BUTTERFLY

CHANGING YOUR TOMORROW

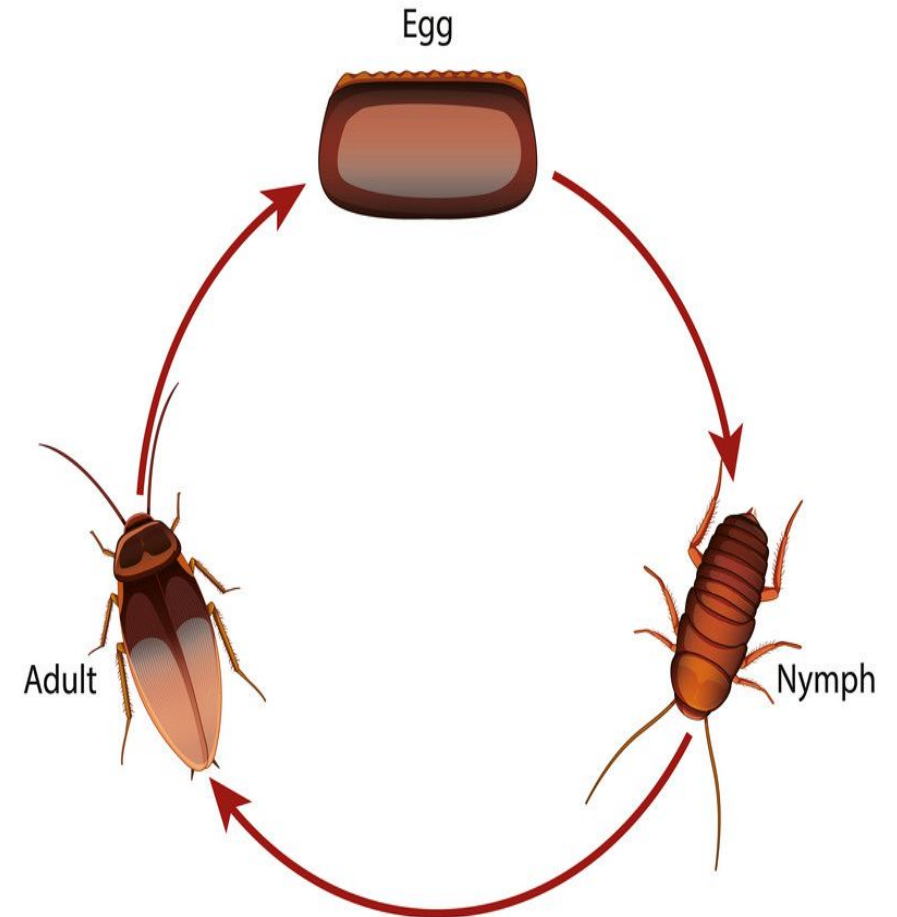
RECAPITULATION

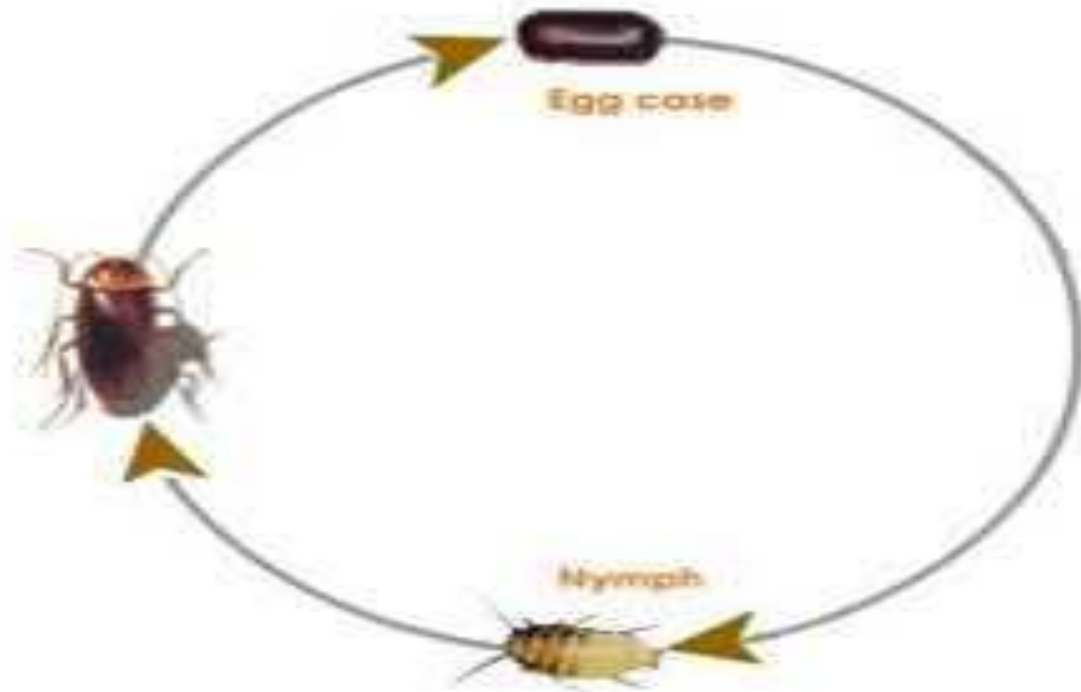
- The baby of a frog is known as _____.
- Most birds build _____ to lay eggs.
- Name these reptiles:



LIFE CYCLE OF A COCKROACH

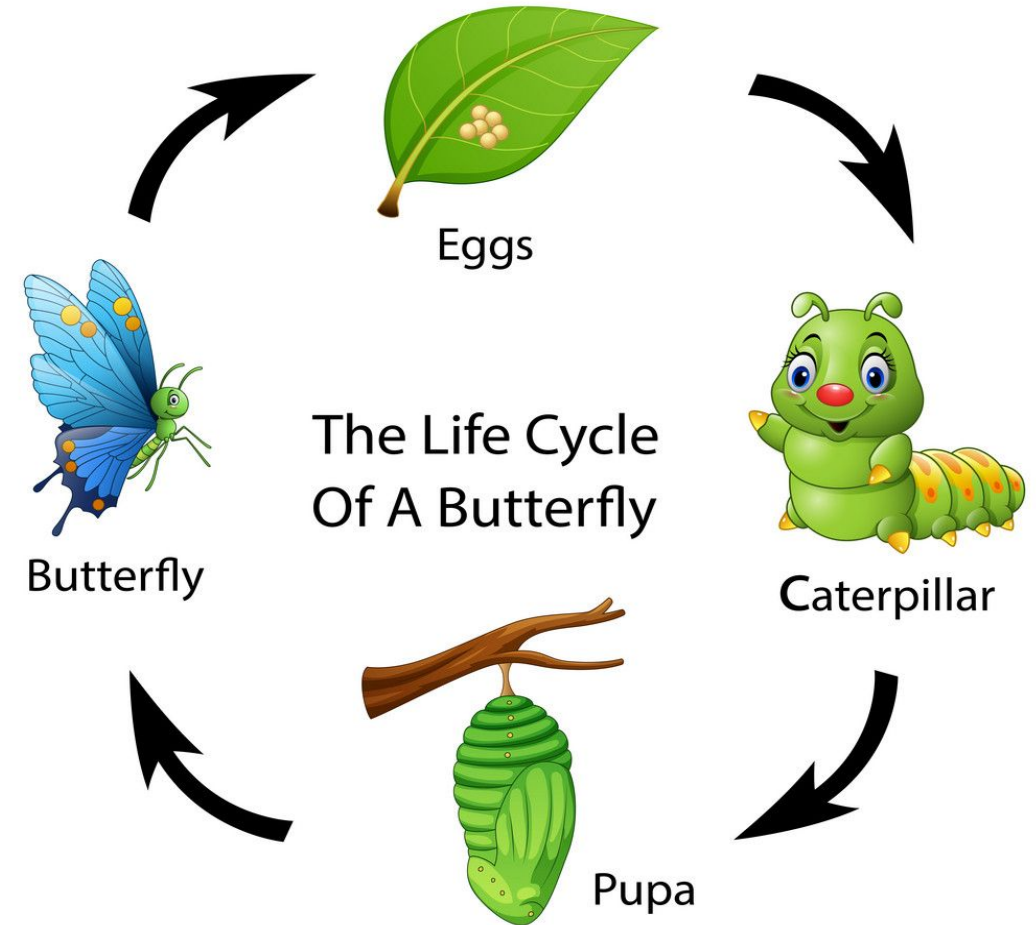
- Life cycle of a cockroach has three stages : the egg, nymph and the adult stage
- The baby insect which comes out of the egg is called a nymph.
- It is very similar to the parent.
- After moulting many times, it changes into an adult.





LIFE CYCLE OF A BUTTERFLY

- Butterflies have four stages in their life cycle: the egg , caterpillar, pupa and the adult.
- The young one that hatches from the egg of these insects is called a larva.
- The larva of a butterfly is called a caterpillar.
- The larva eats leaves and grows rapidly.
- After some time it stops eating and forms a covering called as a pupa around itself.
- Later the pupa bursts open and the butterfly comes out.





SUMMARY

- **Life cycle of some insects like cockroaches and grasshoppers has three stages.**
- **The baby insect which comes out of the egg is called as nymph.**
- **The young one that hatches from the egg of these insects is called as larva.**
- **The larva of a butterfly is called as caterpillar.**

WRITE SHORT ANSWERS

Q1. How do birds reproduce?

Ans: Birds reproduce by laying eggs.

Q2. What are nymphs?

Ans: Young ones of insects resembling the adults are known as nymphs.

Q3. What are the four stages in the life cycle of a butterfly?

Ans: The four stages of butterfly life cycle are:

Stage 1: Eggs

Stage 2: Caterpillar

Stage 3: Pupa

Stage 4: Adult

Q4: Name two insects which have three stages in their life cycle.

Ans: Some insects like grasshoppers and cockroaches have three stages in their life cycle.

READY FOR A

QUIZ?

Q1.How many stages do cockroach has in its life cycle?

Ans: three stages

Q2.The baby insect which comes out of an egg is called as _____.

Ans: nymph

Q3.The larva of a butterfly is called as

_____ .

Ans: caterpillar

HOMework

- Draw the lifecycle of a cockroach and a butterfly in your project record.

LEARNING OUTCOME

The learner will be able to:

- **observe and understand the developmental changes in the life cycle of a cockroach and a butterfly**

THANKING YOU
ODM EDUCATIONAL GROUP