

St. Andrews Scots Sr. Sec. School

9th Avenue, I.P. Extension, Patparganj, Delhi-110092

Session: 2024-25

Class: IV Subject: Science Topic: Animals and their babies Lesson No: 9

- Reading of the chapter
- Explanation (will be done in class)

(Textbook exercise)

- A. Tick (✓) the right answer.
 1. (c) Bear
 2. (a) Caterpillar
 3. (c) Proteins
 4. (b) Tadpole
- B. Fill in the blanks.
 1. Mammals
 2. Embryo
 3. Yolk
 4. Sun
- C. Write whether the following statements are (T) for True or (F) for false.
 1. False
 2. True
 3. False

4. False

• **D. Match the following.**

1. - (c)

2. - (d)

3. - (a)

4. - (b)

(Notebook Work)

• **New Words**

1. Variety

2. Reproduction

3. Mammals

4. Parental

5. Albumen

6. Incubation

7. Hatching

8. Moulting

9. Metamorphosis

10. Spawns

• **Defines**

1. **Life cycle**- Various stages in the development of a living thing.

2. **Warmblooded animals**- Animals whose body temperature does not change with the change in environment.

3. **Nymph**- Young one of a cockroach resembling an adult cockroach.

4. **Larva**- Young one different from the adult insect.

5. **Embryo**- Offspring at any time before hatching or birth.

• **Fill in the blanks.**

1. **Mammals** feed their babies with their own milk.

2. . The growing baby found inside an egg is called a/an **embryo**.

3. The yellow substance present inside the egg is **yolk** .

4. The eggs of reptiles are warmed by the heat of the **sun**.

• **Short Question Answers**

Q.1 Name the stages in the life cycle of frog.

Ans. Spawns, tadpoles and adult frog.

Q.2 What do you understand by incubation?

Ans. Parent birds sit on eggs to keep them warm, this is called incubation.

Q.3 What is the difference between a larva and a nymph?

Ans. A larva is of butterfly and a nymph is of cockroach.

Q.4 Name any two animals that lay eggs in water.

Ans. Frog and fish.

Q.5 What is reproduction? What are the two ways in which an organism reproduce?

Ans. The process by which living things produce their young ones is called reproduction.

It's two ways are

I. laying eggs

II. giving birth to young ones

- **Long Question Answers**

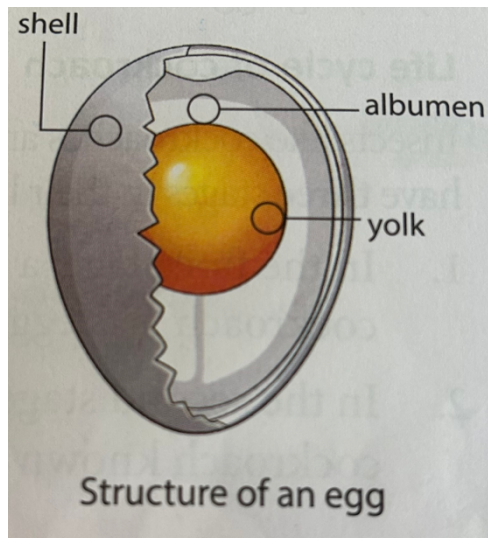
Q.1 Explain with the help of a diagram the structure of an egg.

Ans. Egg consists of :-

Egg Shell - Outer covering

Albumen - White jelly like substance, rich in protein.

Yolk - Yellow substance that contains less water and is rich in fats, vitamins and minerals.



Q.2 List the characteristics of mammals.

Ans. The characteristics of mammals are-

- (i) Their body is covered with hair.
- (ii) .They are warm-blooded animals.
- (iii) They has four limbs.
- (iv) They have lungs to breathe.
- (v) They show parental care.

Q.3 How do mammals take care of their young ones?

Ans. Mammals take care of their young ones by feeding them and protecting them from other animals. They teach them how to find their food and protect themselves from danger.

Give Reasons

Q.1 Many eggs of fish and small fish are eaten by big fish. What would happen if they did not eat them?

Ans. There would be large number of fish and their survival will get difficult.

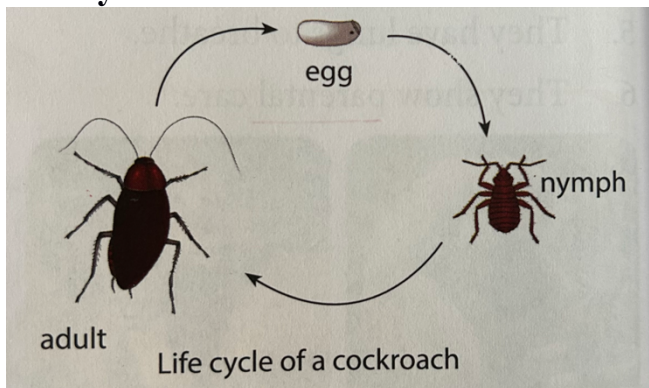
Q.2 Why is the albumen of an egg good for growing children?

Ans. As it contains protein, which is essential for growth and development.

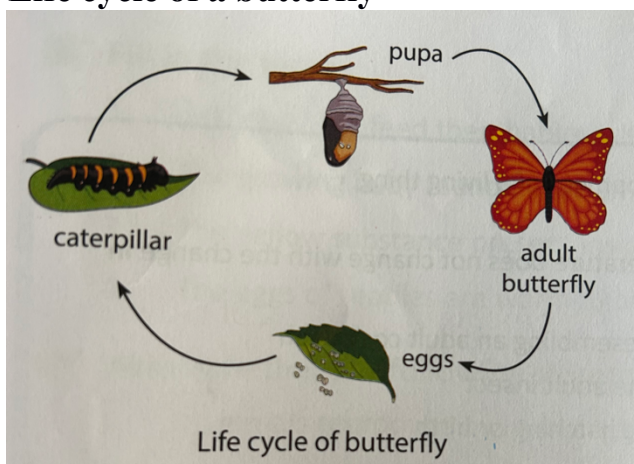
Diagrams

Draw the following diagrams:

1. Life cycle of a cockroach



2. Life cycle of a butterfly



• **Dictation**

Any 10 words

• **Activity**

Draw or paste the pictures of four animals which reproduce by laying eggs and by giving birth to young ones.