

**St. Mary's Convent Girls High School**

**Class 3 Pink/Green/Blue**

**Subject: Science**

**Unit no: 4**

**“The life cycles of animals”**

**Q1: Answer these questions.**

a) **What is cycle?**

Ans) A cycle is something that happens over and over again.

b) **What is baby frog called?**

Ans) Baby frog is called tadpole.

c) **What is baby fish called?**

Ans) Baby fish is called fry.

**Q2: Write true or false in front of statements.**

**Baby birds:**

- |                        |                     |
|------------------------|---------------------|
| i. Hatch from eggs.    | <b><u>True</u></b>  |
| ii. Have to be fed.    | <b><u>True</u></b>  |
| iii. Have no feathers. | <b><u>True</u></b>  |
| iv. Can fly.           | <b><u>False</u></b> |
| v. Are blind.          | <b><u>True</u></b>  |
| vi. Stay in the nest.  | <b><u>True</u></b>  |

**Q3: Choose the best answers.**

- i. What does a life cycle show?
- a) How an animal lives.
  - b) The food an animal eats.
  - c) **All the stages of an animal's life.**
  - d) The way an animal moves.
- ii. Which of the following is not a stage in the life cycle of a frog?
- a) Frog
  - b) **Pupa**
  - c) eggs
  - d) tadpole
- iii. An adult butterfly emerges from a
- a) Chalice
  - b) Egg
  - c) **chrysalis**
  - d) caterpillar

- iv. Where do birds built nests?  
 a) Walls c) cliffs  
 b) Trees d) **all of them**
- v. Which type of animal has the stages eggs, fry, adult in its life cycle?  
 a) **Fish** c) insect  
 b) Bird d) mammal

**Q4: Fill in the blanks using the words given below.**

Feathers	fly	eggs	see	frogs
butterflies	Nest	eggs	water	

- i. Birds lay **eggs** in a **nest**.  
 ii. Frogs lay **eggs** in **water**.  
 iii. Caterpillars turn into **butterflies**.  
 iv. Tadpoles develop into **frogs**.  
 v. Fish eggs first develop into **fry** before turning into fish.  
 vi. Baby birds cannot **see** or fly. They have no **feathers**.

**Q5: Write true or false.**

- i. A frog's eggs are called spawn. **True**  
 ii. Birds hatch out of eggs. **True**  
 iii. Baby birds can see well when they are born. **False**  
 iv. Young frogs are called fry. **False**  
 v. Caterpillars hatch out of eggs. **False**

**Q6: underline the stage which does not belong to each life cycle.**

- i. Birds: **tadpole**, egg, chick, chicken.  
 ii. Insect: egg, caterpillar, **puppy**, pupa chrysalis.  
 iii. Frog: **fry**, egg, tadpole, frog.\_

**Unit no: 5**

**“The life cycle of plants”**

**Q1: Answer these questions.**

- a) **What are these different ways in which seeds can be dispersed?**

Ans) Seeds can be dispersed by the wind, water and animals. Some seeds are collected by the humans and planted in the soil.

**b) In which part of a plant do seeds grow?**

Ans) All seeds come from flower.

**c) What does a seed need to grow into a plant?**

Ans) A seed need good soil, air water and sunlight to grow.

**d) What kind of vegetables are peas?**

Ans) Peas are seeds that grow in pods above the ground.

**e) What are underground stems called?**

Ans) Underground stems are called tubers.

**Q2: Choose the best answers.**

- i. What do flowers grow into?
- |                        |           |
|------------------------|-----------|
| a) Buds                | c) seeds  |
| b) <b><u>Fruit</u></b> | d) shoots |
- ii. Which of these are roots?
- |            |                          |
|------------|--------------------------|
| a) Ginger  | c) <b><u>carrots</u></b> |
| b) Cabbage | d) tomato                |
- iii. What does a seed need to grow?
- |   |                 |
|---|-----------------|
| a) Water and soil                                   | c) soil and air |
| b) <b><u>Good soil, water, sunlight and air</u></b> | d) water        |
- iv) Which of these has the largest seed?
- |                        |          |
|------------------------|----------|
| a) <b><u>Mango</u></b> | c) apple |
| b) Grape               | d) peach |
- v) Which of these vegetables is really a fruit?
- |                         |                |
|-------------------------|----------------|
| a) <b><u>Tomato</u></b> | c) potato      |
| b) Carrot               | d) cauliflower |

**Q3: Find the odd one out in each list below.**

- i. Ginger, potato, **onion**, sweet potato
- ii. **Cherry**, peach, mango, orange.
- iii. **Rock**, water, sunlight, air.
- iv. Carrot, turnip, radish, **cauliflower**.

- v. Lettuce, turnip, **tomato**, potato.

**Q4: Match the following.**

- |                |              |
|----------------|--------------|
| i. Tomato      | 2 root       |
| ii. Carrot     | 4 leaf bud   |
| iii. Pea       | 5 flower bud |
| iv. Lettuce    | 3 seed       |
| v. Cauliflower | 1 fruit      |

**Q5: Order the steps of the life cycle of a plant by numbering them correctly.**

- |                                |   |
|--------------------------------|---|
| i. The plant flowers           | 3 |
| ii. The fruit releases seeds.  | 5 |
| iii. The plant grows.          | 2 |
| iv. A new life cycle begins.   | 6 |
| v. The flower produces fruits. | 4 |
| vi. The seed germinates.       | 1 |

**Q6: In a table like the one shown below, list the names of vegetables under the heading.**

Leaf buds	Leaves	Stems	Roots	Flower buds
Cabbage	Lettuce	Sugarcane	Carrot	Cauliflower
Tubers	Seeds	Bulbs	Fruits that are vegetables	Seedlings
Ginger	Peas	Onion	Tomato	Mustard

**Q7: Write true or false.**

- |   |              |
|---|--------------|
| i. Seeds are always the same size.                    | <b>False</b> |
| ii. Some seeds are carried away by the wind or water. | <b>True</b>  |
| iii. All fruits have many seeds.                      | <b>False</b> |

**Unit no: 6 “Materials”**

**Q1: Answer these questions.**

a) **What natural resources are?**

Ans) Natural resources are things that come from nature.

b) **Why we need to save our natural resources, and how can we do this?**

Ans) Because natural resources are the main source of our daily need. We can save these resources by avoiding use of toxic chemicals and by planting trees.

c) **Why we need materials that have different properties?**

Ans) Materials that have different properties can be used for different purposes.

**Q2: Choose the best answers.**

- i. Which of these is not a natural resource?
  - a) Land
  - b) Air
  - c) **buildings**
  - d) water
- ii. Glass is made from:
  - a) Rock
  - b) Clay
  - c) **sand**
  - d) chemicals
- iii. Plastic is made from:
  - a) Rock
  - b) Clay
  - c) sand
  - d) **oil**
- iv. Which of the following is magnetic?
  - a) Glass
  - b) **Iron**
  - c) plastic
  - d) wood
- v. Which of these is not waterproof?
  - a) Hard rock
  - b) Plastic
  - c) glass
  - d) **cotton fiber**

**Q3: Name the term for:**

- i. Materials that are not found naturally but are made from chemicals. **Man-made material.**
- ii. Strong, hard and shiny materials that can be hammered into different shapes without breaking. **Metals**
- iii. Materials through which heat can travel easily. **Conductors**
- iv. Materials that are attracted to magnets. **Magnetic**
- v. Materials that is difficult to scratch. **Strong**
- vi. Material that is easy to bend. **Flexible.**