

STUDY MATERIAL (2019-2020)

CLASS: 3RD STD

CHAPTER: 1

CLASSIFY THINGS

Short answer type questions.

1. Answer the following in one word.

a) What is the quality of a person or a thing called?

Answer –Characteristics

b) All the things in your surroundings are grouped into two categories-living and non-living. What is the process of grouping things called?

Answer –Classification

c) There are a variety of things in our surroundings. Name any three characteristics and explain one with an example.

Answer –Diversity

2. There are different ways to classify things. Name them and give one example for each.

Answer- shape, size, colour and materials e.g. square, big, small, red, green

3. We can classify things on the basis of different characteristic. Name any three characteristic and explain one with an example.

Answer-Uses, colour and size e.g. Pen and Pencil have same characteristic as they both are used for writing.

C. Long answer type questions

1. What characteristic can be used to classify things?

Ans-Shapes, sizes, colour and uses are the characteristic that can be used to classify things.

2. What is classification? Explain with an example.

Ans -Arranging things into groups on the basis of their characteristic is called classification. We classify things on the basis of similarities and difference in their characteristic e.g. living and non-living things.

EXTRA QUESTION

1 .Why do we classify things?

Ans -We classify things because it helps us to understand the diversity around us.

CHAPTER: 2

(LIVING AND NON-LIVING THINGS)

Short answer type questions.

1. List the characteristic of living things.

Ans-1. Living things need air, water, and food to stay alive.

2. Living things move by themselves.

3. Living things respond to changes in their environment.

4. Living things reproduce.

2. Correct the following sentences.

a) **The animals which do not have legs cannot move by themselves.**

Ans- The animals which do not have legs can crawl.

b) Plants do not have mouth and so they cannot eat, therefore they do not need food.

Ans- Plants make their own food.

c) Cows do not lay eggs like hens, so cows do not reproduce.

Ans- Cows give birth to their babies

3. How do apple plants germinate?

Ans-when the seeds of an apple are sown in the soil, they germinate and grow into a new plant.

4. What happens to sunflower plant when the sun is in the west?

Ans- Sunflower plant respond to the sunlight by bending its flower towards sunlight.

5. a) What does the graph tell us about human beings?

Ans- As living things grow they increase in height, weight, size and in their appearance.

b) According to the data given, what is the maximum height of human beings and at what age does it occur?

Ans- According to the data given, the maximum height of human beings is 170 cm and it occurs at an age of 25 years.

c) What does the baby need to grow and stay alive?

Ans-The baby needs air, water and food to grow and stay alive.

d) What are the other changes which would be observed in human being over the years, besides height?

Ans- The other changes besides height are size, shape and appearance.

Long answer type questions.

- 1. The potted plant and garland both have flowers. How do these flowers differ from each other? Are they similar? Explain.**

Ans-They differ from each other because flowers of potted plants are alive and flowers of garland are not alive.

- 2. Observe the adjoining pictures. Write two similarities and two difference between them.**

Ans-Two similarities

- 1 .Both are living things.
2. Both need food and water to grow.

Two differences-

1. Plants can make their own food, birds cannot.
2. Birds can move while as plants cannot move

- 3. Look at the picture given. Kids are playing outside.**

- a) How are they feeling outside?**

Ans- They are feeling cold outside.

- b) What is the cause of their feeling?**

Ans-Cold weather is the cause of their feeling.

- c) What can they do to lessen the effect of the cause?**

Ans-They can lessen the effect of the cause by wearing warm clothes.

- 4. Jigyasa observed that the deflated football is increased in size when filled with air. She said that it is a growth of football as it is increased in size. Is she correct? Explain your answer.**

Ans-It is not correct because non living things cannot grow.