

St.Andrews Scots School

Adjacent Navniti Apartment, Patparganj, Delhi–110092

Session: 2026 –2027

SUBJECT- SCIENCE

Class: IV

Topic: The world of Microbes

Lesson No: 5

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

(Textbook exercise)

Check point

1. Microscope
2. Yeast
3. Germs
4. Bacteria

A. Fill in the blanks

1. Viruses
2. Yeast
3. Bacteria
4. Germs
5. Mushrooms
6. Warm, damp

B Tick the correct answer

1. Cholera
2. Protozoa
3. Fungi
4. Bacteria

C. Match the columns

1. C
2. D
3. A
4. B

Define (Learn from the pg.54)

(Notebook Work)

● New Words

1. Bacteria
2. Viruses
3. Protozoa
4. Fungi
5. Microbes
6. Microscope
7. Microorganisms
8. Malaria
9. Measles
- 10 Ringworm

E. Answer the following questions

Q1. What are microbes? Name different types of microbes.

Ans. The tiny organisms that cannot be seen with the naked eye are called microbes. Different types of microbes are bacteria, viruses, protozoa and fungi.

2. What are the different shapes of bacteria?

Ans. Bacteria are round, rod-shaped, spiral and comma-shaped.

3. Name (a) one-celled fungus, (b) many-celled fungus.

Ans. (a) Yeast (b) Mushroom

4. How are microbes useful to us? State three points.

Ans.(a) Some microbes help in making ice-cream, toothpaste, glue, etc.

(b) Some bacteria help in making curd and cheese from milk.

(c) Yeast is used in making bread.

5. Which microbe turns the milk into curd?

Ans. Bacteria turn the milk into curd.

6. How are microbes harmful to us?

Ans. Many microbes cause diseases and spoil our food.

7. How are viruses different from other microbes?

Ans. Viruses cannot reproduce outside a living cell while other microbes can.

8. What are the different ways in which germs can enter our body?

Ans. Germs can enter our body through cuts and wounds; air, water and food containing germs and bite of an infected animal.

9. How can we protect ourselves from microbes? State five points.

Ans. We can protect ourselves from microbes by

(a) eating fresh and clean food.

(b) drinking clean water.

(c) washing our hands before and after eating food.

(d) keeping our body and surroundings clean.

(e) taking proper vaccines for diseases.

Give Reasons

1. Rohan did not wash hands before eating his lunch. Next day, he had a stomach upset. Why did this happen?

Ans. Rohan had a stomach upset because he had his lunch with dirty hands which were carrying germs. Germs entered his stomach with food and made him sick.

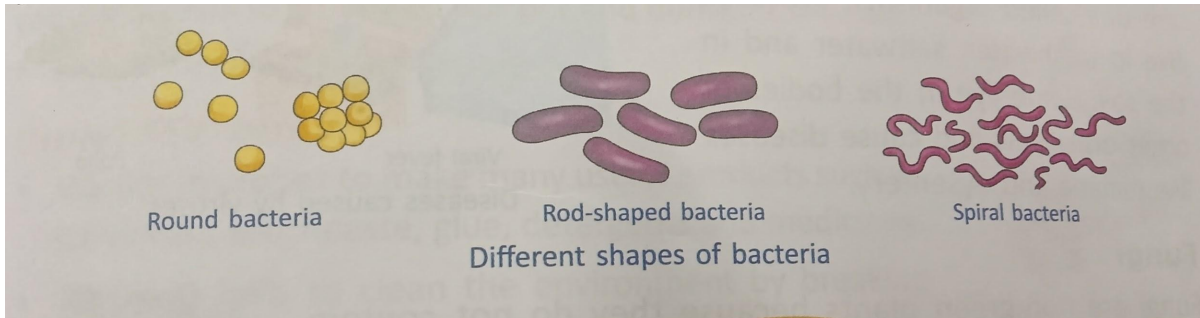
2. Renu ate Golgappas from a roadside vendor. After some time, she started vomiting. Why?

Ans . Most roadside vendors sell uncovered food which carries germs. This food may be staled also. Therefore, eating such food makes us sick.

Diagrams

Draw the following diagrams:

DIFFERENT SHAPES OF BACTERIA



Dictation

Any 10 words

Activity

Draw or paste the pictures of Diseases caused by viruses.

