

Lesson Plan

Grade: Five

Subject: Science

Term: 1st

Time: 40mins

Teacher's Name: _____

Week: 9

Day: 1

Chap 1: Microorganisms

Topic: Useful role of microorganisms in everyday life

Students Learning Outcomes:

At the end of this period, the students will be able to:

- Discuss and deduce the advantages and disadvantages of any three microorganisms by using some daily life examples.

Resource Materials:

Chalk/marker, white/blackboard, worksheet, Science Textbook 5

Warm-up Activities:

5mins

- Before beginning the lesson, ask students to say "Tasmiya."
- Ask students: What do they know about transmission of diseases. Take their response and appreciate them.

Teaching & Learning Activities:

25mins

- Tell students today they are going to learn about role of microorganisms in everyday life.
- Hand out the colorful photographs of mushroom to each table and have them make observation about mushrooms.
- Have them share out and gather class thoughts on the board.
- Ask students to think about mushrooms which are bad or poisonous and edible fungi (mushrooms).

Review:

3mins

Recall the concept of today's lesson.

Evaluation:

5mins

To check the understanding of students, ask them:

- What are mushrooms?

Homework:

2mins

Revise the classwork.

Lesson Plan

Grade: Five

Subject: Science

Term: 1st

Time: 40mins

Teacher's Name: _____

Week: 9

Day: 2

Chap 1: Microorganisms

Topic: Useful role of microorganisms in everyday life

Students Learning Outcomes:

At the end of this period, the students will be able to:

- Recognize that microorganisms are transmitted into humans and spread infectious diseases.

Resource Materials:

Chalk/marker, white/blackboard, Science Textbook 5

Warm-up Activities:

5mins

- Before beginning the lesson, ask students to say "Tasmiya."
- Ask students: How fungi are useful for us? Take their response and appreciate them.

Teaching & Learning Activities:

25mins

- Tell students today they are going to learn about useful role of microorganisms.
- Ask students to share more about role of microorganism role in our daily life.
- Recall them that in previous lesson they have learn about bacterial role in food manufacturing.
- Tell them yogurt is made with the help of bacteria.
- A fungus yeast, is used for making cheese and bakery products.

Review:

3mins

Recall the main concept.

Evaluation:

5mins

To check the understanding of students, ask them about uses of fungi.

Homework:

2mins

Revise the classwork.

Lesson Plan

Grade: Five

Subject: Science

Term: 1st

Time: 40mins

Teacher's Name: _____

Week: 9

Day: 3

Chap 1: Microorganisms

Topic: Useful role of microorganisms in everyday life

Students Learning Outcomes:

At the end of this period, the students will be able to:

- Discuss and deduce the advantages and disadvantages (any three) of microorganisms by using some daily life examples.

Resource Materials:

Chalk/marker, white/blackboard, Science Textbook 5

Warm-up Activities:

5mins

- Before beginning the lesson, ask students to say "Tasmiya."
- Ask them: How do microorganisms help in food production. Take their responses.

Teaching & Learning Activities:

25mins

- Tell students microorganisms not only help animals but also plants. They help plants in their growth.
- Many microorganisms live in the roots of plants. They take food from the plants and, in return, help plants in absorbing nutrients from the soil. In this way, they help in their growth.
- Nitrogen is very important for plant growth. Bacteria fix atmospheric nitrogen and make soil fertile.

Review:

3mins

Sum up the lesson by telling students the main points of how microorganisms help in plant growth.

Evaluation:

5mins

To check the understanding of students, ask them:

- How do microorganisms help in plant growth?

Homework:

2mins

Ask students to learn the topic.

Lesson Plan

Grade: Five

Subject: Science

Term: 1st

Time: 40mins

Teacher's Name: _____

Week: 9

Day: 4

Chap 1: Microorganisms

Topic: Useful role of microorganisms in everyday life

Students Learning Outcomes:

At the end of this period, the students will be able to:

- Discuss and deduce the advantages and disadvantages (any three) of microorganisms by using some daily life examples.

Resource Materials:

Chalk/marker, white/blackboard, Science Textbook 5

Warm-up Activities:

5mins

- Before beginning the lesson, ask students to say "Tasmiya."
- Ask students: How bacteria help in soil fertility? Take their response and appreciate them.

Teaching & Learning Activities:

25mins

- Tell students today they are going to learn about role of microorganisms as decomposers.
- Tell students bacteria break down (Decompose) dead organisms, animals waste and plant litter to obtain nutrients.
- Ask students to think of organisms such as earthworms or small invertebrates as decomposers.
- Ask students what would happen if there are no bacteria.
- Tell them without microorganisms the earth would be filled with corpses.

Activity 1:

Instruct students to read and give answer. Explain how microbes clean the environment.

Review:

3mins

Recall the main points of lesson. Ask them to read the interesting information given on page 19.

Evaluation:

5mins

To assess students learning ask them:

- Define decomposition.

Homework:

2mins

Revise the classwork.

Lesson Plan

Grade: Five

Subject: Science

Term: 1st

Time: 40mins

Teacher's Name: _____

Week: 9

Day: 5

Chap 1: Microorganisms

Topic: Preventing the infections

Students Learning Outcomes:

At the end of this period, the students will be able to:

- Suggest preventive measures to protect themselves from these infections.

Resource Materials:

Chalk/marker, white/blackboard, wallchart, Science Textbook 5

Warm-up Activities:

5mins

- Before beginning the lesson, ask students to say "Tasmiya."
- Ask students how diseases are transmitted? Take their responses and appreciate if anyone gives correct answer.

Teaching & Learning Activities:

25mins

- Tell students today they are going to learn preventive measures.
- Tell students diseases spread through different ways.
- If we want to remain healthy. We should adopt some habits and can avoid infections.
- We should cover the face while sneezing or coughing so that germs cannot spread in air.
- We should wear a mask if suffering from flu or cough. Mask protects us from germs entering our body through the nose and mouth.

Review:

3mins

Sum up the lesson by telling students the main points about preventive measures against infections.

Evaluation:

5mins

To check the understanding of students, ask them:

- What are preventive measures against diseases?

Homework:

2mins

Revise the classwork.