

Lesson Plan

Grade: Five

Subject: Science

Term: 1st

Time: 40mins

Teacher's Name: _____

Week: 8

Day: 1

Chap 1: Microorganisms

Topic: Air

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, worksheet, Science Textbook 5

Warm-up Activities:

5mins

- Before beginning the lesson, ask students to say "Tasmiya."
- Ask them: How do diseases spread? Wait for their responses.

Teaching & Learning Activities:

25mins

- Tell students today they are going to learn about transmission of infectious diseases through air.
- Tell students air is necessary for life.
- Animals and humans breathe in air. They take in air during this process. Some diseases spread through air.
- When an unhealthy person coughs or sneezes, germs enter the air. When a healthy person breathes in the same air, germs get into their body and spread disease there.
- Influenza, tuberculosis, Covid, etc. are examples of some diseases that spread through air.

Review:

3mins

Recall the lesson by telling students about the transmission of diseases through air.

Evaluation:

5mins

To check the understanding of students, ask them:

- How do diseases spread through air?
- Name some diseases that transmit through air.

Homework:

2mins

Ask students to learn the topic.

Grade: Five

Subject: Science

Term: 1st

Time: 40mins

Teacher's Name: _____

Week: 8

Worksheet

Name: _____

Date: _____

Name some diseases that spread through air.

How do diseases spread through air?

Lesson Plan

Grade: Five

Subject: Science

Term: 1st

Time: 40mins

Teacher's Name: _____

Week: 8

Day: 2

Chap 1: Microorganisms

Topic: Water

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 them: Name some diseases that spread through air. How do diseases spread through air? Take their responses and appreciate for correct answer.

Teaching & Learning Activities:

25mins

- Write 'Water' on the board.
- Tell students water is very important for life. Life is not possible without water.
- Humans and animals need water to regulate their body functions. Dirty water contains lots of germs.
- Ask them, what will happen if dirty water is consumed by healthy person? Take their response.
- Tell them a person drinks dirty water, germs enter in his/her body and spread disease. Hepatitis, Diarrhea, Typhoid, etc. are some diseases that spread through water.
- Tell students not to drink dirty water. It should be boiled before drinking.

Review:

3mins

Recall the lesson by telling students about the transmission of diseases through water.

Evaluation:

5mins

To check the understanding of students, ask them:

- How do diseases spread through water?
- Name some diseases that transmit through water.

Homework:

2mins

Ask students to learn the topic.

Lesson Plan

| | | | |
|-------------------------------|-------------------------|------------------------------|--------------------|
| Grade: Five | Subject: Science | Term: 1 st | Time: 40min |
| Teacher's Name: _____ | | Week: 8 | Day: 3 |
| Chap 1: Microorganisms | | Topic: Food | |

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 them: Name some diseases that spread through water. How do diseases spread through water? Take their responses.

Teaching & Learning Activities:

25mins

- Tell students infectious diseases also transmitted through food.
- Tell students we need food to get energy and perform various activities. Food sometimes gets contaminated by bacteria and fungi.
- Tell them that they should eat healthy and clean food to protect themselves from germs.

Review:

3mins

Sum up the lesson by telling students the main points about the transmission of disease through food.

Evaluation:

5mins

To check the understanding of students, ask them:

- How do diseases spread through food?

Homework:

2mins

Ask students to learn the topic.

Lesson Plan

Grade: Five

Subject: Science

Term: 1st

Time: 40mins

Teacher's Name: _____

Week: 8

Day: 4

Chap 1: Microorganisms

Topic: Animals

Students Learning Outcomes:

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

- Recognize that microorganisms get 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: Name some diseases spread through food. How do diseases spread through food? Take their responses.

Teaching & Learning Activities:

25mins

- Tell students today they are going to learn about transmission of diseases through animals.
- Tell students animals also transmit diseases. Some diseases such as malaria and dengue are spread by mosquitoes.
- When a mosquito bites a person suffering from dengue, germs enter the mosquito's body.
- When this germ-carrying mosquito bites a healthy person, it injects germs into his/her body. Germs enter the body of the healthy person and spread disease there.

Activity 1:

Ask students to design a poster to show how various diseases spread. Then display the chart in the classroom. Help them if need be. Check their work.

Review:

3mins

Sum up the lesson by telling students the main points about the transmission of disease through animals.

Evaluation:

5mins

To check the understanding of students, ask them to write answer Q2 (viii).

Homework:

2mins

Ask students to learn the topic.

Lesson Plan

Grade: Five

Subject: Science

Term: 1st

Time: 40mins

Teacher's Name: _____

Week: 8

Day: 5

Chap 1: Microorganisms

Topic: Transmission of diseases through direct contact

Students Learning Outcomes:

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

- Recognize that microorganisms get 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 do infectious diseases transmitted through air, water, food and animals. Take their response.

Teaching & Learning Activities:

25mins

- Tell students diseases can transmit from one person to another.
- Tell students sometimes diseases spread through direct contact. Usually person-to-person there is spread of disease when someone is exposed to an infected person.
- When an unhealthy person coughs or sneezes, germs spread on their hands and clothes.
- When this person shakes hands or hugs a healthy person, germs get transferred to the healthy person to spread disease and healthy person gets ill.
- Covid-19, influenza, herpes, etc. are some diseases that spread through direct contact.

Review:

3mins

Sum up the lesson by telling students the main points about the transmission of diseases.

Evaluation:

5mins

To check the understanding of students, ask them:

- How do diseases spread through direct contact?

Homework:

2mins

Ask students to learn the topic.