

Lesson Plan

Grade: Four	Subject: Science	Term: 1 st	Time: 40min
Teacher's Name: _____		Week: 7	Day: 1
Chap 2: Ecosystems	Topic: Impacts of Human Activities on Food Chain in an Ecosystem		

Objective(s):

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

- Interpret that human actions such as urbanization, pollution, and deforestation affect the food chain in an ecosystem.

Resource Materials:

Chalk/marker, white/black board, Science Textbook

Warm-up Activities

5mins

- Before beginning the lesson, ask students to say "Tasmiya."
- Ask them: Explain the value of balanced ecosystem. Take their responses.

Teaching and Learning Activities:

25mins

- Write '**Impacts of Human Activities on Food Chain in an Ecosystem**' on the board.
- Tell students humans are disturbing ecosystems because of their activities, which are urbanization, pollution and deforestation.
- Ask students what do they understand by urbanization.
- Take their response and appreciate if anyone gives correct answer.
- Now tell them, urbanization is shifting of people from small or rural areas to urban areas.
- Explain to them that people clean the negative landscapes for construction.
- This effect of food chains which is the major cause of imbalance in the ecosystems.
- Ask them to define deforestation.
- Tell student deforestation is clearing of forest land, for obtaining wood, manufacturing and construction.
- As a result of deforestation, many living organisms who have tree habitat, destroy which leads to decrease in numbers of producers and consumers.

Activities:

- Write some human activity which effects the food chain.

Review:

3mins

Tell the students the main points about the effects of urbanization and deforestation on ecosystems.

Evaluation:

5mins

To evaluate the understanding of students, ask them:

- What are the effects of human activities on ecosystems?

Homework:

2mins

Revise the classwork.

Lesson Plan

Grade: Four	Subject: Science	Term: 1 st	Time: 40min
Teacher's Name: _____		Week: 7	Day: 2
Unit 2: Ecosystems		Topic: Ecosystem Preservation	

Objective(s):

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

- Identify various actions and roles that humans can play in preserving various ecosystem.

Resource Materials:

Chalk/marker, white/blackboard, Science Textbook

Warm-up Activities

5mins

- Before beginning the lesson, ask students to say "Tasmiya."
- Ask them: Which type of human activities affect the food chain? Take their responses.

Teaching and Learning Activities:

25mins

- Write '**Ecosystem Preservation**' on the board.
- Tell students about 4R's.
- Now ask students, what do you do if you're thirsty. Where does this drink water come from?
- Ask them "have you ever noticed what happens to all the empty plastic bottles, we drink.
- Tell student the 4R's principle involves the guideline for proper plastic use as reduce, reuse, recycle and refuse.
- Reduce, reuse, reuse and recycle are the four "R's" to conserve the natural environment.
- Minimize the use of plastic bags and always carry a reusable shopping bag.
- Explain some preventive measures that should help in ecosystem preservation.
- Use energy-efficient light bulbs.
- Plant more and more trees and avoid deforestation.
- Don't dump waste into water bodies.
- Use public transport instead of personal vehicles.

Activities:

- Prepare an awareness campaign to protect the ecosystems. Discuss the importance of Earth Day / Water Day / Cleanliness Day.

Review:

3mins

Tell the students about main points of preservation of ecosystem.

Evaluation:**5mins**

To evaluate the understanding of students, ask them:

- Suggest some preservations for ecosystem.

Homework:**2mins**

Revise the classwork.

Lesson Plan

Grade: Four	Subject: Science	Term: 1 st	Time: 40min
Teacher's Name: _____		Week: 7	Day: 3
Unit 2: Ecosystems		Topic: Exercise	

Objective(s):

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

- Solve exercise

Resource Materials:

Chalk/marker, white/blackboard, Science Textbook

Warm-up Activities

5mins

- Before beginning the lesson, ask students to say "Tasmiya."

Teaching and Learning Activities:

28mins

- Tell students they are going to solve the exercise of chapter 2.
- Briefly explain all topics and ask questions related to them. Wait for their responses. Ask students to open their textbooks at page 23 and solve MCQ's. Let them respond.
- Help them to match column and write short questions.

Review:

0mins

N/A

Evaluation:

5mins

To evaluate the understanding of students, check their work.

Homework:

2mins

Tell the students to revise the exercise of unit 2.

Lesson Plan

Grade: Four

Subject: Science

Term: 1st

Time: 40min

Teacher's Name: _____

Week: 7

Day: 4

Chap 3: Human Health

Topic: Health

Students Learning Outcomes

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

- Observe and recognize some common symptoms of illness (e.g., fever, coughing and flu).

Resource Materials:

Chalk/marker, white/blackboard, Science Textbook

Warm-up Activities

5mins

- Before beginning the lesson, ask students to say "Tasmiya."
- Ask them: What is a healthy body? Why it is important to keep our body healthy? Wait for their responses.

Teaching and Learning Activities:

25mins

- Write down the topic name 'Health' on board.
- Tell the students today they will learn about healthy body and how an illness can occur?
- Health is very important for us to live. Our body works due to the working of different organs. Each organ must be kept healthy for our body to work properly.
- Tell the students, our health is the greatest blessing of Allah Almighty. A healthy person performs its daily activities efficiently.
- Now tell the students about unhealthy person or an illness. An unhealthy condition of the body is called an illness.
- An unhealthy person can't perform its duties daily effectively. An unhealthy person has different symptoms of illness.
- Write down signs of an illness on board.
- Signs of an illness are influenza, coughing and fever.
- Tell the students some other symptoms that occur during these conditions such as headache, dry cough, shivering, sore throat, chest pain, shortness of breath etc.
- Ask students to take a chart paper and paste pictures of healthy and unhealthy person.
- Ask the students to work in pairs to identify the symptoms of the person and categorizes them as either healthy or unhealthy.

Review:

3mins

Explain the main points about health and illness.

Evaluation:

5mins

To evaluate the understanding of students, ask them:

- What symptoms an unhealthy person might have?
- Define an illness.
- Name any four major body parts.

Homework:

2mins

Ask students to learn the topic. And ask them to write Q3 (i) of Exercise in their notebooks.

Lesson Plan

Grade: Four

Subject: Science

Term: 1st

Time: 40min

Teacher's Name: _____

Week: 7

Day: 5

Chap 3: Human Health

Topic: Contagious Diseases

Students Learning Outcomes

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

- Differentiate between contagious diseases (hepatitis, tuberculosis, influenza and polio) and non-contagious diseases (cancer and diabetes).

Resource Materials:

Chalk/marker, white/blackboard, Science Textbook

Warm-up Activities

5mins

- Before beginning the lesson, ask students to say "Tasmiya."
- Ask them: What is a disease? How it can be caused? Wait for their responses.

Teaching and Learning Activities:

25mins

- Write down the topic name 'Contagious diseases' on board.
- Tell the students today they are going to learn about contagious diseases.
- Tell them what contagious diseases are: Contagious diseases are the diseases that can be transmitted from one individual to another individual.
- Contagious diseases are also called communicable diseases.
- List down the names of some contagious diseases.
- Tell students hepatitis and polio are infectious diseases.
- Hepatitis can cause infection in liver.
- Hepatitis can spread through the blood or body fluids of an infected individual to a normal individual.
- Explain some other contagious diseases such as 'Polio'.
- Polio is a disease caused by polio virus. It is very common in the children below 5 years of age.
- It can spread through air water and food. Polio affects the central nervous system.
- The infected person can be paralyzed for lifetime after getting the disease.
- Ask students to make a list of some contagious diseases they know about. Check their work.

Review:

3mins

Explain the main points about contagious diseases.

Evaluation:

5mins

To check the understanding of students, ask them:

- What are contagious diseases?
- Name two contagious diseases.
- What are the causes of Hepatitis?

Homework:

2mins

Ask students to learn the topic. Ask them to write Q3 (vii).