

Lesson Plan

Grade: Four

Subject: Science

Term: 3rd

Time: 40min

Teacher's Name: _____

Week: 3

Day: 1

Chapter 8: Earth's Weather and Climates

Topic: Climate of Regions Near Water Bodies

Students Learning Outcomes:

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

- Relate weather (i.e., daily variations in temperature, humidity, precipitation in the form of rain or snow, clouds and wind) changes to changing geographical location.

Resource Materials:

Chalk/marker, white/blackboard, Science Textbook

Warm-up Activities:

5mins

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

Ask them: What do you know about Earth's zones? Wait for their responses.

Teaching and Learning Activities:

25mins

- Write the topic name 'Climate of Regions Near Water Bodies' on the board.
- Tell the students today we will learn about climate of region near water bodies.
- Large water bodies like rivers, oceans and seas affect the climate of an area.
- Water heats up and cools down more slowly than land.
- Climate of the costal areas is mild or moderate due to change in humidity.
- Now tell the students about the climate of high regions with the rise of height above sea level, the temperature, atmospheric pressure, humidity and dust content decrease.
- So, the climate becomes cooler and the duration of winter season prolongs.

Review:

3mins

Explain the main points about the Climate of Regions Near Water Bodies.

Evaluation:

5mins

To check the understanding of students, ask them:

- What do you know about climate of high regions?
- What are the climate of regions near water bodies?

Homework:

2mins

Ask students to learn the topic.

Lesson Plan

Grade: Four

Subject: Science

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Teacher's Name: _____

Week: 3

Day: 2

Chapter 8: Earth's Weather and Climates

Topic: Global Change in Climate

Students Learning Outcomes:

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

- Relate weather (i.e., daily variations in temperature, humidity, precipitation in the form of rain or snow, clouds and wind) changes to changing geographical location.

Resource Materials:

Chalk/marker, white/blackboard, Science Textbook

Warm-up Activities:

5mins

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

Ask them: What are the climate of regions near water bodies? Wait for their responses.

Teaching and Learning Activities:

25mins

- Write the topic name 'Global Change in Climate' on the board.
- Tell the students today we will learn about global change in climate.
- The atmosphere of earth is affected badly due to human activities.
- Increase in the quantity of carbon dioxide and other toxic gases in atmosphere is due to poisonous smoke released from factories, wild fires, burning of crops remains and brick kilns emissions etc.
- It is increasing the average temperature of the earth. This is called global warming.
- Tell them, it causes depletion of the ozone layer. Global warming is very harmful for the living and non-living environment.

Review:

3mins

Explain the main points about the global change in climate.

Evaluation:

5mins

To check the understanding of students, ask them:

- Define global warming.
- What are the effects of global warming on ozone layer?

Homework:

2mins

Ask students to learn the topic.

Lesson Plan

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Teacher's Name: _____

Week: 3

Day: 3

Chapter 8: Earth's Weather and Climates

Topic: Exercise

Students Learning Outcomes:

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

- Solve exercise

Resource Materials:

Chalk/marker, white/blackboard, Science Textbook

Teaching and Learning Activities:

30mins

- Before beginning the lesson, ask students to say "Tasmiya."
- Tell students they are going to solve the exercise of chapter 8.
- Briefly explain all topics and ask questions related to them. Wait for their responses.
- Ask students to open their textbooks and solve MCQ's.
- Help them if needed.

Review:

0mins

N/A

Evaluation:

5mins

To evaluate the understanding of students, check their work.

Homework:

5mins

Ask students to revise the exercise of chapter 8.

Lesson Plan

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Teacher's Name: _____

Week: 3

Day: 4

Chapter 8: Earth's Weather and Climates

Topic: Exercise

Students Learning Outcomes:

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

- Solve exercise

Resource Materials:

Chalk/marker, white/blackboard, Science Textbook

Teaching and Learning Activities:

30mins

- Before beginning the lesson, ask students to say "Tasmiya."
- Tell students they are going to solve the exercise of chapter 8.
- Briefly explain all topics and ask questions related to them. Wait for their responses.
- Ask the students to open their textbooks and help the students to make the project.

Review:

0mins

N/A

Evaluation:

5mins

To evaluate the understanding of students, check their work.

Homework:

5mins

Ask students to revise the exercise of chapter 8.

Lesson Plan

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Time: 40min

Teacher's Name: _____

Week: 3

Day: 5

Chapter 9: Solar System and Our Earth

Topic: Solar System

Students Learning Outcomes:

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

- Describe and demonstrate the solar system with the sun at the center and the planets revolving around the sun.
- Identify the sun as a source of heat and light for the solar system.

Resource Materials:

Chalk/marker, white/blackboard, Science Textbook, Worksheet

Warm-up Activities:

5mins

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

Ask them: What do you know about the Sun? What do you know about their planets? Can you name any planet? Wait for their responses and appreciate them for good response.

Teaching and Learning Activities:

25mins

- Write the topic name 'Solar system' on the board.
- Tell the students today we will learn about solar system.
- Tell them that universe is limitless and vast. It consists of stars, planets and their moons, the sun and many other heavenly bodies. Sun is a huge star. its shape is like of sphere. It emits light and heat.
- Tell them, the sun has its gravity, due to which all the planets, comets, asteroids, etc. are revolving around it in fixed paths called orbits.
- Tell the students about solar system. The solar system is a system of a sun and the objects that move around it.
- Sun is the largest natural source of heat and light on earth.
- Tell them about the planets that revolve around the sun.
- Ask students to open their textbooks and do activity.

Review:

3mins

Explain the main points about the solar system.

Evaluation:

5mins

To check the understanding of students, ask them:

- What is solar system?
- What are the names of planets of solar system?
- What is source of heat and light in solar system?
- Why is the sun important to the solar system?

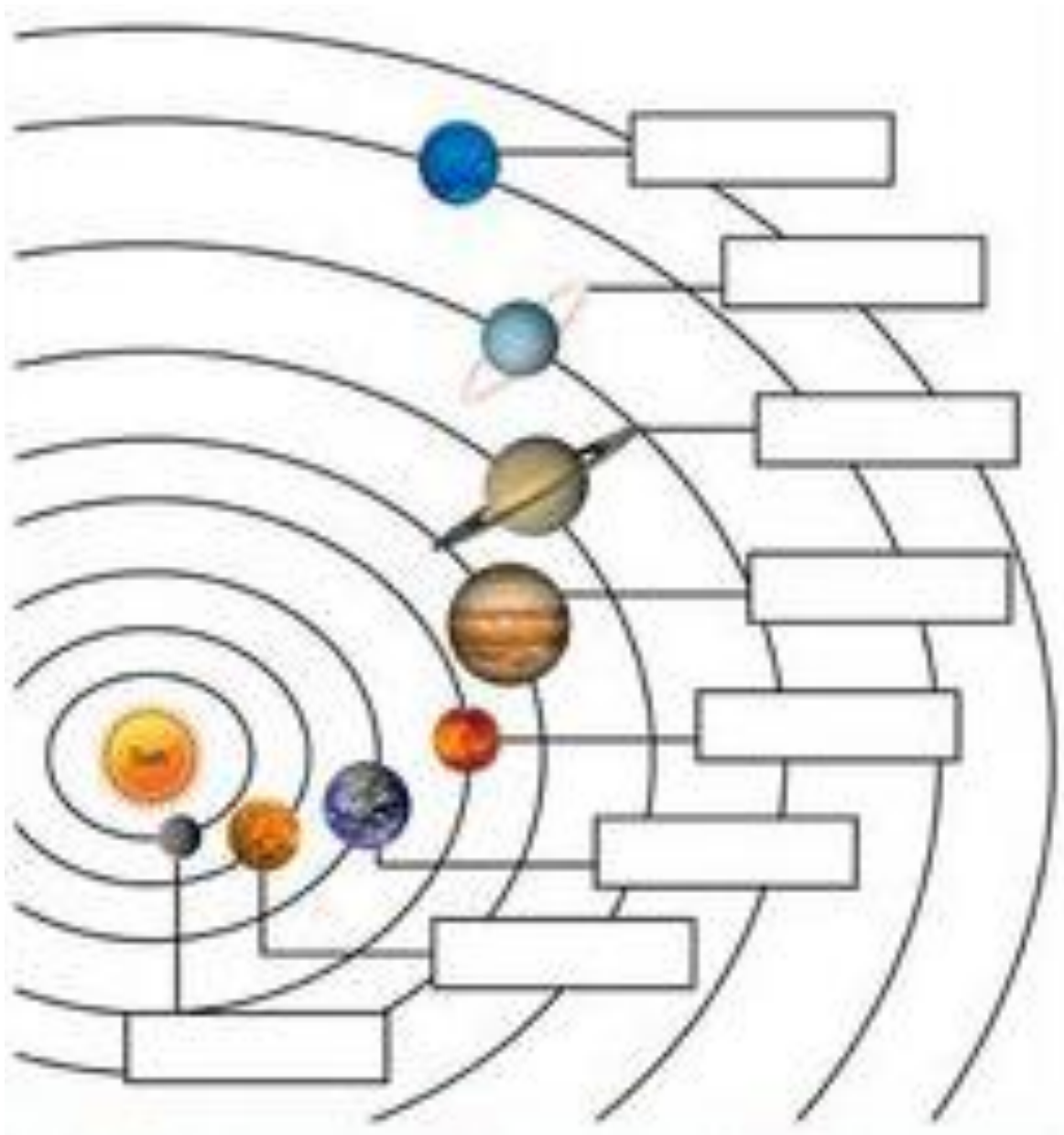
Homework:

2mins

Ask students to learn the topic and solve the given worksheet.

Worksheet

Q1. Identify the planets and write their names.



Saturn

Mars

Venus

Neptune

Earth

Mercury

Jupiter

Uranus