

# Lesson Plan

<b>Grade:</b> Five	<b>Subject:</b> Science	<b>Term:</b> 1 <sup>st</sup>	<b>Time:</b> 40mins
<b>Teacher's Name:</b> _____		<b>Week:</b> 1	<b>Day:</b> 1
<b>Topic:</b> Orientation			

## Students Learning Outcomes

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

- Know about each other.

## Resource Materials:

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

## Warm-up Activities:

**5mins**

- Before beginning, ask students to say "Tasmiya."
- Ask the students: How are you? Encourage them to say, 'Alhamdulillah'.

## Teaching and Learning Activities:

**25 mins**

- Briefly introduce yourself to the students.
- Tell them you will teach them science.
- Ask students to introduce themselves to the class one by one.
- Give them a brief introduction to the book.

## Activity 1:

- Ask a few brainstorming questions about science and wait for their responses.

## Review:

**3mins**

- Encourage the students to work hard to achieve the goals.

## Evaluation:

**5mins**

None

## Homework:

**2mins**

Read page no. 1 of chap no. 1

# Lesson Plan

Grade: Five

Subject: Science

Term: 1<sup>st</sup>

Time: 40mins

Teacher's Name: \_\_\_\_\_

Week: 1

Day: 2

Chap 1: Classification of Living Organisms

Topic: Classification

## Students Learning Outcomes

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

- Describe the classification of living organisms and its importance.

## Resource Materials:

Chalk/marker, white/blackboard, Science Textbook

## Teaching & Learning Activities:

### Warm-up Activities:

5mins

- Before beginning the lesson, ask students to say "Tasmiya."
- Ask Students: What are living organisms? How many groups can we categorize living things into? Wait for their responses.

### Teaching and Learning Activities:

25mins

- Tell students today they are going to learn about classification and its importance.
- Ask students about the difference between living and non-living things. Wait for their responses.
- Tell them living things can move, eat, breathe and grow but non-living things cannot.
- Begin your discussion by explaining that scientists have formed many different groups that they classify living organisms into. When we think about animals, we think about elephants, bears, tigers etc. They are all animals however they have different characteristics.
- Tell students that classification is important in science because there are so many living organisms, they have variety of different characters/traits among themselves.

### Activities 1:

- Tell Students to work in groups.

### Review:

3mins

Review the lesson by telling students the main points about classification. Ask students to open their textbooks at page 1 and read the content.

### Evaluation:

5mins

To check the understanding of students, ask them:

- What are living things?
- Tell the names of some living things.
- Why is classification needed?

### Homework:

2mins

Ask students to learn the topic.

## Worksheet

Q1: Differences between living and non-living things.

Living Things	Non-Living Things

Q2: Make a list of any 10 animals and 10 plants that you have seen in the zoo or around you. Also write one similarity and one difference in the relevant groups in each case.

Animals	Plants	Similarity	Difference

Q3: Around your environment, write names of few habitats in which animals live.

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# Lesson Plan

<b>Grade:</b> Five	<b>Subject:</b> Science	<b>Term:</b> 1 <sup>st</sup>	<b>Time:</b> 40mins
<b>Teacher's Name:</b> _____		<b>Week:</b> 1	<b>Day:</b> 3
<b>Chap 1:</b> Classification of Living Organisms		<b>Topic:</b> Classification	

## Students Learning Outcomes

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

- Describe the classification of living organisms and its importance.

## Resource Materials:

Chalk/marker, white/blackboard, Science Textbook

## Teaching & Learning Activities:

### Warm-up Activities:

**5mins**

- Before beginning the lesson, ask students to say "Tasmiya."
- Ask Students: What are living and non-living things? Name them. Take their responses and appreciate them.

### Teaching and Learning Activities:

**25mins**

- Tell the students today that they are going to learn about classification and its importance.
- Tell them scientists have grouped organisms on the basis of similarities and differences. This grouping is called classification.
- Explain the five groups in which living organisms are classified. These groups are called kingdoms. These kingdoms are: Monera, Protista, Fungi, Plantae and Animalia.
- Discuss the importance of living organism classification as it helps to understand the inter-relationship among organisms.
- Classification also helps to understand the features, similarities and differences between living organisms.

### Review:

**3mins**

- Sum up the lesson by telling the importance of classification.

### Evaluation:

**5mins**

To check students understanding ask them to tell:

- (1) What are kingdoms?
- (2) Name five kingdoms.
- (3) What is the importance of classification?

### Homework:

**2mins**

Revise the classwork.

# Lesson Plan

Grade: Five

Subject: Science

Term: 1<sup>st</sup>

Time: 40mins

Teacher's Name: \_\_\_\_\_

Week: 1

Day: 4

Chap 1: Classification of living organisms

Topic: Kingdom Monera

## Students Learning Outcomes

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

- Describe the classification of living organisms and its importance.

## Resource Materials:

Chalk/marker, white/blackboard, wallchart, textbook page 2

## Teaching & Learning Activities:

### Warm-up Activities:

5mins

- Before beginning the lesson, ask students to say "Tasmiya."
- Ask them: What is classification? Take their responses and appreciate them.

### Teaching and Learning Activities:

25mins

- Tell Students it is important explain that scientists use classification system to help to group organisms based on similarities and differences.
- Tell students that the kingdom Monera consists of single-celled organisms.
- Tell them that single-celled organisms have one cell in their bodies while multi celled organisms have more than one cell in their bodies. The kingdom Monera includes all types of bacteria.
- Tell the salient features of kingdom Monera to the students.
- They are so small that we cannot see them.
- Some bacteria can prepare their food while some feed on other organisms.
- Some bacteria are beneficial while some are harmful, as they cause diseases in plants and animals.
- Bacteria are found in a variety of shapes and sizes.
- Show students the flashcards of different bacterial shapes.

### Activities 1:

Ask students to participate in an activity "Quick thinking". In this activity teacher will draw different bacterial shapes on the board and students quickly respond by telling its name.

### Review:

3mins

- Sum up the lesson by telling students the features of kingdom Monera.

### Evaluation:

5mins

To check the understanding of students, ask them to write answer of Q2 (i)(v) in their notebooks.

### Homework:

2mins

Ask students to learn the topic.

# Lesson Plan

Grade: Five

Subject: Science

Term: 1<sup>st</sup>

Time: 40mins

Teacher's Name: \_\_\_\_\_

Week: 1

Day: 5

Chap 1: Classification of Living Organisms

Topic: Kingdom Protista

## Students Learning Outcomes

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

- Describe the classification of living organisms and its importance.

## Resource Materials:

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

## Teaching & Learning Activities:

### Warm-up Activities:

5mins

- Before beginning the lesson, ask students to say "Tasmiya."
- Ask them: What do you know about the kingdom Monera? Take their responses and appreciate them.

### Teaching and Learning Activities:

25mins

- Tell students they are going to learn about the kingdom Protista.
- Tell them the kingdom Protista includes unicellular, multicellular or colonial organisms.
- Single-celled protists include amoeba and paramecium. They have different shapes and sizes.
- Tell them the most important example of Protista is algae. They are found in ponds, rivers, lakes, etc. They make their own food.
- Tell them amoeba, spirogyra and paramecium are some examples of Protists.
- Show students flash cards of different Protists.
- Write animals like kingdom Protista.
- Draw plant like Protista.

### Activity 1:

What do you know about algae? Write animals like Protists. Draw Plant like Protists.

### Review:

3mins

Retell students the characteristics of kingdom Protista. Ask students to open their textbooks and read the content.

### Evaluation:

5mins

To check the understanding of students, ask them:

- Tell the names of some single-celled Protists.
- Tell the names of some multi-celled Protists.

### Homework:

2mins

Learn the topic and solve the given worksheet.

## Worksheet

Q1: What is habitat and write names of few habitats.

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Q2: Write down five kingdom classification system with diagrams.

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Q3: Draw the diagram of Amoeba, Paramecium and Spirogyra.

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