

## **LESSON PLAN: 1**

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|------------------|---|
| School:          | Subject: science                          |
| Class: VI        | Topic: Characteristic of Living Organisms |
| No. of Students: | Textbook: Science                         |
| Average Age: 11+ | Teacher's Name:                           |
| Time: 40 minutes | Date:                                     |

### **General Objectives:**

1. The pupils will be able to recall different Science related terms, formulas, symbols, rules, principles, laws, etc.
2. The pupils will be able to define different Science related terms.
3. The pupils will be able to develop Scientific attitude.
4. The pupils will develop powers of thinking and reasoning.
5. The pupils will develop a scientific and realistic attitude towards life.
6. The pupils will be prepared for elementary as well as higher education in different branches of science, economics, engineering, etc.
7. The pupils will develop an appreciation for the significance of the Scientific truth.

### **Specific Objectives:**

#### **1. KNOWLEDGE:**

- (i) Pupils will be able to define Stimuli.
- (ii) Pupils will be able to mention at least two characteristic of living organisms.

#### **2. UNDERSTANDING:**

- (i) Students will be able to differentiate between living and non-living organism.

#### **3. APPLICATION:**

- (i) Students will be able to explain the process of reproduction of living organisms.

#### **4. SKILL:**

- (i) The students will be able to draw the diagram showing formation of new plant from a seed.

### **Teaching Aids:**

1. **General teaching aids:** Chalk, Black Board, Textbook, Duster etc.

### Introduction:

| Steps  | Teacher's Activities   | Pupils' Activities  |
|--|--|---|
| <b>I<br/>N<br/>T<br/>R<br/>O<br/>D<br/>U<br/>C<br/>T<br/>I<br/>O<br/>N</b> | Entering the classroom with a smiling face, the teacher will re-arrange the classroom if necessary. In order to introduce the day's lesson, the teacher will ask the following questions –<br><br>(a) Chair, Table, Blackboard are living or non-living things?<br><br>(b) Humans are living or non-living?<br><br>(c) Is there any special characteristics of living organisms to distinguish between living and non-living things? | The students will welcome the teacher and will try to give the answer.<br><br>The students will give answer |

### Announcement of the Topic:

After getting the expected responses the teacher will say that – living organisms has some special characteristics by which we can differentiate between living and non-living organisms. The teacher will announce the topic and write it down on the blackboard.

“CHARACTERISTICS OF LIVING ORGANISMS”

The teacher will ask the students to note down the topic.

### Presentation:

| Steps  | Teaching Point                    | Teacher's Activities  | Pupils' Activities                | Learning Outcomes   | Microteaching Skill |
|--|-----------------------------------|---|-----------------------------------|---|---------------------|
| <b>P<br/>R<br/>E<br/>S<br/>E<br/>N<br/>T<br/>A<br/>T<br/>I<br/>O<br/>N</b> | 1. All living organisms need food | The teacher will say that – Every living organism need to run the proper function of the body. Plants prepare their food by photosynthesis. Animals depends on plants and other animals. Foods give us energy to maintain the life process. | The pupils will listen carefully. | The students will be able to know about the importance of food. | Explaining          |

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| P<br>R<br>E<br>S<br>E<br>N<br>T<br>A<br>T<br>I<br>O<br>N | 2. All living Organism Reproduce                                   | <p>To assess the students learning the teacher will ask the following question – “On what do humans depends for their food?”</p> <p>Teacher will explain that all plants and animals reproduce to give birth to their new generations. The teacher will explain briefly.</p>  | <p>Pupils will try to give answers</p> <p>Pupils will listen carefully.</p>                                       | <p>Knowledge.</p>                               | <p>Fluency in Questioning</p> <p>Explaining</p> |
|  | 3. All living organisms respond to the changes around surroundings | <p>The teacher will say that – Your favourite food, bright sunlight and thorns are some examples of changes in your surroundings. All of us respond to such changes immediately. Changes in our surroundings that makes us respond are called stimuli.</p> <p>The teacher will ask the following question: “Name some changes around us?”</p> | <p>Students will listen carefully and note down the definition.</p> <p>The students will answer the question.</p> | <p>Students will be able to define stimuli.</p> | <p>Explaining</p> <p>Questioning</p>            |
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| <b>P<br/>R<br/>E<br/>S<br/>E<br/>N<br/>T<br/>A<br/>T<br/>I<br/>O<br/>N</b> | 4. All organisms reproduce their own kind | <p>The teacher will say that – Animals reproduce their own kind. The mode of reproduction may be different in different animals. Some reproduce their young one through eggs and some ones by giving birth.</p> <p>Plants also reproduce. Like animals, plants also differ in their modes of reproduction. Many plants reproduce through seeds and some through parts other than seeds.</p> | Students will listen attentively | Students will understand the reproduction in organisms | Explaining  |
|  |   | <p>Teacher will question:<br/>“What are the two basic characteristics of organisms?”</p>  | Pupils will try to give answer.  |  | Questioning |

**Conclusion:**

| Steps  | Teacher's activities  | Pupils' Activities   |
|--|---|--|
| <b>C<br/>O<br/>N<br/>C<br/>L<br/>U<br/>S<br/>I<br/>O<br/>N</b> | <p>The teacher will consolidate the main points with the students and will write the following question on the blackboard as their homework and will ask the students to note it down.</p> <p>Homework:<br/>Q1. Explain how organisms responds to stimuli?</p> <p>After the students write, the teacher will clean the board and leave the classroom.</p> | <p>The students will cooperate with the teacher.</p> <p>Students will write down the homework.</p> |

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