

Semi-detailed Lesson Plan in Science 10

- I – Objectives:** At the end of 60 minutes discussion all students should be able to:
- a. state the Lamarck’s and Darwin’s theories of evolution.
 - b. explain the Lamarck’s and Darwin’s theories of evolution.

II – Subject Matter:

Topic: Theories of Evolution
Reference: DepEd K to 12 Science 10 Teachers Guide & Learners Materials
Unit 3 – Module 3 pp.316-317
Author: Herma D. Acosta and Liza A. Alvarez, et. al.
Materials: Video, Visual Aid, Pentil Pen

III – Procedures:

- A. Preliminary
- 1. Prayer
 - 2. Greetings
 - 3. Energizer
 - 4. Checking of Attendance
 - 5. Classroom Standard
 - 6. Passing of Assignment
 - 7. Review
- B. Lesson Proper
- 1. I will present to you a video on theories of evolution
 - What can you say about the video?
 - 2. Unlocking of Difficulties
 - Arrange the scramble letters into the proper arrangement.
HEORTIES – THEORIES
 an idea or set of ideas that is intended to explain facts or events.
TIONULVOE – EVOLUTION
 any change in the heritable traits within a population across generation.
 - 3. Presents

Today, we will be tackled about the Lamarck Theories and Darwin Theories of Evolution.
 - 4. Activity
 - Go to your group and perform t he activity that is given to you, and select a leader, secretary, let the student do the given task, the activity will be done within 5 minutes only.
Criteria:

Content	40%
Accuracy	10%
Working Speed	40%
Behavior	<u>10%</u>
	100%
 - 5. Reporting
 - The students will now present their outputs... Group 1, Group 2, Group 3, Group 4, Group 5.

6. Analysis

- What is theories evolution according to Jean Baptiste de Lamarck?
- What is theories evolution according to Charles Darwin?
- How does Lamarck's theory of evolution differ from Darwin's?

7. Abstraction.

Jean Baptiste de Lamarck

▣ He was the first evolutionist to believe that organisms change overtime.

▣ He using fossil records as a guide, Lamarck was able to develop three theories.

1. The Theory of need – which states that organisms change in response to their environment.
2. The Theory of Use and Disuse – organs not in use will disappear while organs while organs in use will develop.
3. The Theory of Acquired Characteristic – He acquired characteristic were believed to be inherited by their offspring and propagated by the next generation of giraffes.

Charles Darwin:

▣ He suggested that selection also take place in nature.

8. Application

- How would you relate theories of evolution with the present situation of organism today?
- What ideas related to evolution did Lamarck and Darwin share?

IV – Evaluation:

On a $\frac{1}{2}$ crosswise paper

Directions: Choose one theory of evolution, state the theory and explain it in 3 to 5 sentences only.

V – Assignment:

On a one whole yellow paper entitled "Follow the Track" on Unit 3 Module 3 pages 318-319.