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1.0 Introduction

1.1 An Overview of Assure Model

To become skilled in today's classroom, it is crucial to know when to use a wide range of instructional strategies and passive interactive media. According to Heinich & Smaldino (2002), the use of media technologies effectively and systematic plan for their use is necessary. Therefore, the ASSURE model guide was suggested which identifies six major steps in an instructional planning process.

1.2 Meaning of the Assure Model

ASSURE model is a procedural guide for planning and delivering instructions that integrates technology and media into the teaching process. It also refers to a systematic approach of writing lesson plans that helps teachers in organizing instructional procedures.

1.3 Steps of ASSURE Model

This model encompasses six major steps in an instructional planning process:

1.3.1 Analyze Learners

General Characteristics

This is a description of the class as a whole. This includes such information as the number of students, grade or age level, gender, socioeconomic factors, exceptionalities, and cultural/ethnic/or other types of diversity.

1.3.2 State Objectives

Statements describing what the learner will do as a result of instruction.

1.3.3 Select Methods, Media, & Materials

This is the step where the Instructor will build a bridge between the audience and the objectives. You need to decide what method you will primarily use.

1.3.4 Utilize Methods, Media, & Materials

Plan of how you are going to implement your media and materials. For each type of media or materials, select and describe in detail how you are going to implement them into your lesson to help your learners meet the lesson's objective.

1.3.5 Require Learner Participation

Describe how you are going to get each learner "actively and individually involved in the lesson.

1.3.6. Evaluate student performance:

The evaluation should match the objective. Some objectives can be adequately assessed with a pen and paper test.

A sample of a lesson plan using the ASSURE model is shown below:

2.0 ASSURE Model Lesson Plan

Title: Parts and Functions of a Tooth Subject: Science Class Level: Standard Eight Pupils This lesson plan has been drawn based on Assure model. All the steps have been used.

2.1 Analyzing Learners

General Characteristics

Participants in this class are standard eight pupils. The class is limited to twenty pupils (n=20) to ensure personal attention, adequate understanding and the follow-up.

Entry Characteristics

The pupils should have basic knowledge based on common understanding and observation (Their own teeth) and the surrounding (livestock). They should be in position to explain the structure of different teeth among animals.

Learning Styles

This lesson will use methods that appeal to verbal, individual work, as well as small and large group discussion.

2.2 Objectives

By the end of the lesson, the learner should be able to:

- a) Draw a diagram of a tooth.
- b) State the function of each part of a tooth.
- c) Compare the teeth of a dog and that of a sheep.

2.3 Methods, Media and Materials

Methods

The teacher will begin the lesson with a brief introduction and overview explaining the parts and functions of a tooth with the help of a diagram of a tooth. The pupils will then form discussions groups and samples of different animal skull will be distributed. This will help them in comparing the teeth of a dog and a sheep.

Media and Materials

Books, chalk and the blackboards in this lesson will be used for interpretation. The charts and the models will also be used for demonstrations.

2.4 Utilizing Media and Materials

Preview the Materials

The teacher should have fully covered and researched on the topic before introducing it to the pupils. He/ she should be aware of all types of teeth, their functions and should be able to answer any question posed by the pupil related to the topic.

Prepare the Materials

The teacher should ensure that the charts and the models are ready before the beginning of the lesson. Enough books among other teaching and learning resources should be available and ready to distribute to the pupils.

Prepare the Environment

The teacher should check that the classroom is in order for adequate comfort and to ensure that it is proper for teaching and learning process. This includes adequate lighting, proper ventilations, good sitting arrangements and the classroom should be swept.

Prepare the Learner

The lesson will begin with an introduction by a familiar song related to proper maintenance of teeth. There will be icebreaker and overview of the parts and functions of the teeth. The books will be distributed by the teacher that will allow pupils to follow along with the teaching.

2.5 Require Learner Participation

Initial Activities

After introductions, icebreaker, and overview of the parts and functions of a tooth, the teacher will take the pupils through systematic step for understanding. The class will then participate in manageable discussion groups (7-12 members) meant to allow the learners to discuss amongst themselves and ask questions related to the topic.

2.6 Evaluate and Revise

The lesson will close with a brief summary from the teacher. Question and answer method will be used for evaluation and revision. The questions will include:

- a) What are the differences of a dog and sheep teeth?
- b) With the help of a diagram, draw and state the functions of each tooth.

References

- Heinich, R & Smaldino, E (2002). ASSURE Model of Learning. Available at: http://webapps01.act.org/eDISCOVER/
- Vasishta, S. and Patel, N. (1992). *Learning Science and Agriculture Standard Eight*. Revised edition, Malimu Publications

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