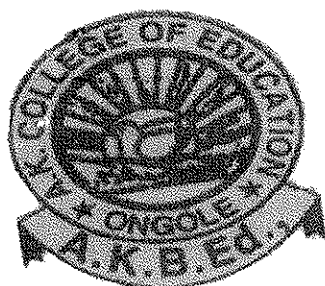


ANDHRAKESARI COLLEGE OF EDUCATION

(Recognized by the GOVT. of A.P. & NCTE Affiliated to Acharya Nagarjuna University)

Cheruvukommupalem Road , Pelluru (Post) , ONGOLE,
Prakasam (District), Andhrapradesh– 523272

SEMESTER – 2



S2P – PEDAGOGY

OBSERVATION RECORD PHYSICAL SCIENCE

Name of the student Teacher : -----

Roll No : -----Reg.No :-----

ACHARYA NAGARJUNA UNIVERSITY

OBSERVATION OF TEACHING

Name of the Teacher / Student - Teacher :

Roll No :

Name of the School :

Subject : physical science

Class taken : 6th class

Name of the Unit : Living-Non-living

Name of the Lesson : Living - Non living

Date of the Lesson :

I. Introduction :

- 1) Greetings : Good morning students.
- 2) Testing / Reteacting Previous Knowledge : Questions are asked for testing
- 3) Motivational Techniques Employed : By showing pictures Questions are asked. ^{Previous knowledge}
- 4) Announcement of the Topic : Living Non living.
- 5) Importance / Theme of the Topic : characteristics of living Non living.

II. Presentation :

- 1) Reading the Text : Comparison of characteristics, Filling the table-1 with
- 2) Identification of key Terms & key Concepts : Yes (Living, Non-living, Development) ^{students}
- 3) Discussion on key Terms & key Concepts : yes
- 4) Writing key Terms & key Concepts on Black board : Living, Non-living, Breathing
- 5) Activities for the attainment of academic standards : concept understanding
- 6) Summing up by the Teacher :
- 7) Writing the definitions of Concepts on Block board : Differences of living and Non-living

III. Activity Management :

- 1) TLM used : Trees, Animals, Stones
- 2) Display of TLM at Proper time : TLM is used according to teaching.
- 3) Participation of Pupils in Activities / Problem -Solving : Group / Sub- Group / Individual : Group/ Individual.
- 4) Discussing on mistakes done by the Students & Doubts Clarification :

Teachers corrected the mistakes done by the students

Exposition of the lesson :

- i) Methods and strategies employed : Activity method.
- ii) Language skills attempted : clarity of topic, expressive teaching
- iii) Logical presentation of concepts/teaching items : characteristics for them.
- iv) Questioning Techniques : Asked Questions
- v) Teaching-learning material used : TLM is used at the right time
- vi) Chalk-Board work : Writing is legible.

EVALUATION OF THE LESSON :

- i) Evaluation procedures followed :
 - 1) Is there any same qualities for both living and Non-living Organisms
 - 2) Differences between living and Non-living?

GENERAL REACTIONS :

Satisfactory.

Signature of the Lecturer-incharge

Date

OBSERVATION OF TEACHING

Name of the Teacher / Student - Teacher :

Roll No :

Name of the School :

Subject : physical science

Class taken : 4th class

Name of the Unit :

Name of the Lesson : Rusting of Iron

Date of the Lesson :

I. Introduction :

- 1) Greetings : Good morning students.
- 2) Testing / Reteaching Previous Knowledge : Asked simple questions that are done the
- 3) Motivational Techniques Employed : yes changes around us
- 4) Announcement of the Topic : Rusting of Iron
- 5) Importance / Theme of the Topic : ~~It~~ Rusting is a chemical reaction.

II. Presentation :

- 1) Reading the Text : Pg-178 is read by the students.
- 2) Identification of key Terms & key Concepts : Rusting, Galvanisation.
- 3) Discussion on key Terms & key Concepts : Read of concept and discuss with students
- 4) Writing key Terms & key Concepts on Black board : $\text{Iron} + \text{Oxygen} + \text{water} \rightarrow \text{Rust}$
- 5) Activities for the attainment of academic standards : Questioning & Experiments.
- 6) Summing up by the Teacher : Can explained clearly
- 7) Writing the definitions of Concepts on Black board : Iron mixed with oxygen & water is called Rusting.

III. Activity Management :

- 1) TLM used : Iron items, zinc, chromiums.
- 2) Display of TLM at Proper time : at right time. yes.
- 3) Participation of Pupils in Activities / Problem -Solving : Group / Sub- Group / Individual:
- 4) Discussing on mistakes done by the Students & Doubts Clarification : yes.

Exposition of the lesson :

- i) Methods and strategies employed : *lecture Demonstration method*
- ii) Language skills attempted : *clarity of language.*
- iii) Logical presentation of concepts/teaching items : *chemical change that occurs in Iron is called rust.*
- iv) Questioning Techniques : *Asked Questions for all class*
- v) Teaching-learning material used : *Yes*
- vi) Chalk-Board work : *writing is legible.*

EVALUATION OF THE LESSON :

- i) Evaluation procedures followed :

- 1) *what is the chemical reaction in Rusting of Iron?*
- 2) *what are the methods used for preventing Rusting of Iron*

GENERAL REACTIONS :

Satisfactory

Signature of the Lecturer-incharge

Date

(4)

OBSERVATION OF TEACHING

Name of the Teacher / Student - Teacher :

Roll No :

Name of the School :

Subject : Physical science

Class taken : 8th

Name of the Unit :

Name of the Lesson : Metal - Non-metals

Date of the Lesson :

I. Introduction :

- 1) Greetings : Good morning students
- 2) Testing / Reteacting Previous Knowledge : Asked questions for previous knowledge on metals and non-metals
- 3) Motivational Techniques Employed : By showing pictures
- 4) Announcement of the Topic : Metals and Non-metals
- 5) Importance / Theme of the Topic : Appearance.

II. Presentation :

- 1) Reading the Text : pg. 30 is read by the students
- 2) Identification of key Terms & key Concepts : yes
- 3) Discussion on key Terms & key Concepts : Bronze, silver, chromium
- 4) Writing key Terms & key Concepts on Black board : physical properties of metals and Non-metals
- 5) Activities for the attainment of academic standards : Questioning.
- 6) Summing up by the Teacher : explained clearly
- 7) Writing the definitions of Concepts on Black board : Definitions of metals and Non-

III. Activity Management :

- 1) TLM used : yes, hammers, Axe
- 2) Display of TLM at Proper time : yes
- 3) Participation of Pupils in Activities / Problem -Solving : Group / Sub- Group / Individual:
- 4) Discussing on mistakes done by the Students & Doubts Clarification :

Teacher corrected the mistakes the
the students

Exposition of the lesson :

- i) Methods and strategies employed : lecture - Demonstration method.
- ii) Language skills attempted : clarity of topic, experimental method
- iii) Logical presentation of concepts/teaching items : Differences of metals - Nonmetals
- iv) Questioning Techniques : On selected objectives
- v) Teaching-learning material used : at right time.
- vi) Chalk-Board work : clearly is legible.

EVALUATION OF THE LESSON :

- i) Evaluation procedures followed :

- 1) what are metals?
- 2) Name two non-metals!

General Reactions:

Salt's factory.

Signature of the Lecturer-incharge

Date

6

OBSERVATION OF TEACHING

Name of the Teacher / Student - Teacher :

Roll No :

Name of the School :

Subject : Physical Science

Class taken : 8th

Name of the Unit :

Name of the Lesson : Friction

Date of the Lesson :

I. Introduction :

- 1) Greetings : Good morning students!
- 2) Testing / Reteaching Previous Knowledge : Asked questions for simple questions on friction.
- 3) Motivational Techniques Employed :
- 4) Announcement of the Topic : By asking Questions / y) friction.
- 5) Importance / Theme of the Topic : Identifying factors influencing the fluid friction

II. Presentation :

- 1) Reading the Text : Pg-19, 20 reading by the students.
- 2) Identification of key Terms & key Concepts : Friction, static friction, lubricants, Ball bearings
- 3) Discussion on key Terms & key Concepts : what is friction?
- 4) Writing key Terms & key Concepts on Black board : yes
- 5) Activities for the attainment of academic standards : By experiments
- 6) Summing up by the Teacher : Explained by the teacher.
- 7) Writing the definitions of Concepts on Black board : yes

III. Activity Management :

- 1) TLM used : water, stringing glass, spoon
- 2) Display of TLM at Proper time : yes
- 3) Participation of Pupils in Activities / Problem - Solving : Group / Sub- Group / Individual:
- 4) Discussing on mistakes done by the Students & Doubts Clarification :

Teacher corrected the students mistakes.

Exposition of the lesson :

- i) Methods and strategies employed : Experimental method.
- ii) Language skills attempted : topic clarification, factors influencing friction.
- iii) Logical presentation of concepts/teaching items : friction use
- iv) Questioning Techniques : Questioning on all selected objectives
- v) Teaching-learning material used : at the right time
- vi) Chalk-Board work : Definition of friction is written.

EVALUATION OF THE LESSON :

- i) Evaluation procedures followed :

- 1) what is friction?
- 2) Factors influencing the friction.

GENERAL REACTIONS :

Satisfactory

Signature of the Lecturer-incharge

Date

OBSERVATION OF TEACHING

Name of the Teacher / Student - Teacher :

Roll No :

Name of the School :

Subject : Physical Science.

Class taken : 9th

Name of the Unit :

Name of the Lesson : Work and Energy.

Date of the Lesson :

I. Introduction :

- 1) Greetings : Good Morning Students.
- 2) Testing / Reteaching Previous Knowledge : By asking simple questions about work and Energy.
- 3) Motivational Techniques Employed : Asking Questions.
- 4) Announcement of the Topic : Work and Energy.
- 5) Importance / Theme of the Topic : To know the difference between Work and Energy.

II. Presentation :

- 1) Reading the Text : Pg 139 & 140 are read by the students.
- 2) Identification of key Terms & key Concepts : Work, Energy.
- 3) Discussion on key Terms & key Concepts : Discussing about the Work and Energy.
- 4) Writing key Terms & key Concepts on Black board : Work, Energy.
- 5) Activities for the attainment of academic standards : To explain content experiments are conducted.
- 6) Summing up by the Teacher : Content can be explained clearly.
- 7) Writing the definitions of Concepts on Black board :

III. Activity Management :

- 1) TLM used : Duster, Stone, magnets
- 2) Display of TLM at Proper time : yes
- 3) Participation of Pupils in Activities / Problem - Solving : Group / Sub- Group / Individual:
- 4) Discussing on mistakes done by the Students & Doubts Clarification :

By discussing Teacher can correct the mistakes ^{done} by the students

Exposition of the lesson :

- i) Methods and strategies employed : Experimental method, Activity method
- ii) Language skills attempted : clarity of language.
- iii) Logical presentation of concepts/teaching items : Capacity to do work is called Energy.
- iv) Questioning Techniques : On all selected objectives
- v) Teaching-learning material used : at the right time
- vi) Chalk-Board work : Definitions of Work and Energy is written

EVALUATION OF THE LESSON :

- i) Evaluation procedures followed :

- 1) what is work ?
- 2) what is the differences between work and energy ?

GENERAL REACTIONS :

Satisfactory

Signature of the Lecturer-in-charge

Date