

IDENTIFICATION OF DATA

School:

Class:

No. of Students:

Average Age: 11+

Time: 40 minutes

Subject: Science

Topic: Water Pollution

Textbook: Science, NCERT

Teacher's Name:

Date:

GENERAL OBJECTIVE :- As stated in lesson plan - 1.

TEACHING POINT :-

- 1) Definition of water pollution.

- 2) Causes of water pollution.

- 3) Effects of water pollution.

SPECIFIC OBJECTIVE :-

KNOWLEDGE :-

- 1) Students will be able to define water pollution.

- 2) The students will be able to write about water pollution.

- 3) The students will be able to make list the causes of water pollution.

UNDERSTANDING :-

- 1) The students will be able to explain how water gets polluted.

- 2) The students will be able to identify the effects of water pollution on aquatic animals.

- 3) The students will be able to identify the effects of water pollution on human health.

APPLICATION :- The students will be able to analyse how water pollution affects our day to day life survival.

TEACHING AIDS:-

- A) GENERAL TEACHING AIDS:- Chalks, Duster, Blackboard.
- B) SPECIFIC TEACHING AIDS:-

INTRODUCTION :-

STEPS	TEACHING POINT	TEACHER'S ACTIVITY	PUPIL'S ACTIVITY	MICRO TEACHING SKILL
I N T R O D U C T I O N		<p>The teacher will enter the classroom in a pleasant mood and greet the students. If necessary teacher will arrange the classroom properly.</p> <p>Now to motivate the students and in order to test their previous knowledge he/she will ask the following questions:-</p> <p>1) How many percent of earth's surface is covered with water.</p> <p>2) Can you say some sources of water?</p> <p>3) Can you say what are the forms of water?</p>	<p>The pupils will greet the teacher too.</p> <p>The pupils will try to give the answers -</p> <p>71 %.</p> <p>Rainwater, sea, oceans, Reservoirs, River, ponds, Lakes.</p> <p>Solid, liquid and gas.</p>	<p>Introducing a lesson.</p>

STEPS	TEACHING POINT	TEACHER'S ACTIVITY	PUPIL'S ACTIVITY	MTS
I N T R O D U C T I O N	<u>Announcement of topic.</u>	After getting satisfactory answer from the students teacher will announce the topic and write on the top of the blackboard as "Water pollution". And he/she will ask the pupils to note it down.	The pupils will note down the topic on their notebook.	Blackboard

PRESENTATION :-

STEPS	TEACHING POINT	TEACHER'S ACTIVITY	PUPIL'S ACTIVITY	LEARNING OUTCOME	MTS
P R E S E N T A T I O N	Defination of water pollution.	The teacher will write the defination of water pollution as - "The contamination of water by unwholesome and harmful substance that make it poisonous or unfit for human and other animals consumption" is called water pollution."	The pupils will write the defination of water pollution on their notebook.	Knowledge	Blackboard & writing.

STEPS	TEACHING POINT	TEACHER'S ACTIVITY	PUPIL'S ACTIVITY	LEARNING OUTCOME	MTS
P R E S E N T A T I O N	<u>Causes of water pollution</u>	<p>The teacher will explain the causes of water pollution. -</p> <p>When harmful micro-organisms and chemical substances contaminate bodies of water, they cause the water quality to decrease and potentially make it toxic. Water pollution can have negative effects on our health, the environment and the economy.</p> <p>⇒ The discharge of untreated domestic sewage, into rivers and lakes, excessive use of fertilizers and pesticides in agriculture.</p> <p>⇒ Discharge of industrial wastes and oil tanks and spills.</p> <p>⇒ Household garbage are collected and dumped into oceans.</p> <p>⇒ Dead bodies of animals are dumped into oceans, river it causes the water pollution.</p>	<p>The pupils will listen attentively to the teacher and write the causes of water pollution on their note-book.</p>	<p>Understanding</p>	<p>Explaining</p>

STEPS	TEACHING POINT	TEACHER'S ACTIVITY	PUPIL'S ACTIVITY	LEARNING OUTCOME	MTS
P R E S E N T A T I O N	Effect of water-pollution	<p>The teacher will explain how effects the water pollution in living organism.</p> <p>you may seen ponds have a lot of algae growing in them. This is caused by excessive quantities of chemicals which get washed from the fields. These acts as nutrients for algae to flourish once. They serve as food for decomposer like - Bacteria,</p> <p>A lot of oxygen gets used up and kills aquatic animals.</p> <p>water pollution affect human health issue like - Infections diseases can be spread through contaminated water like - Typhoid, cholera, fever, Dysentery etc. And pesticides which are used in agriculture it damage the human nervous system and cause cancer and chloride can cause reproductive and endocrinal damage.</p>	The pupils will listen attentively to the teacher and write the effect of water pollution on their notebook.	Understanding	Explaining Stimulus variation

CLOSURE :-

STEPS	TEACHER'S ACTIVITY	PUPIL'S ACTIVITY	LEARNING OUTCOME	MTS
C	After completing the class teacher will consolidate the class by enumerating specific points again and	The pupils will try to give the answers.		
L	to test acquired knowledge. He/she will ask following questions -			
O	1) What is water pollution?	The contamination of water by unwanted substances that water make it unfit for human is called water pollution.	Knowledge	Questioning
S	2) What are the diseases causes by water pollution?	The pupils will try to give the answer.	Knowledge	Reinforcement
U	After getting the answer he/she will assign following home-work and write on blackboard.			
R	<u>Home Assignment :-</u> 1) How would the disposal of garbage affect living organism? Discuss - 5 2) How is water day by day and How does water pollution affects human life? Analyse - 3+5 = 8	The pupils will write down the questions on their note-book.	Understanding	Achieving closure.
E	Then the teacher will say that we learn about the water pollution. Then teacher will thanks to the students for their responses and say good bye.	The pupils will thanks the teacher too.	Application	