Lesson Plan

Class: IV *Subject*: Science

Duration: 35 minutes *Date*: 22-10-24

Topic: Heat - Temperature and its measurement

Objectives:

Students will be able to:

- Recognize that heat is a form of energy
- Differentiate between heat and temperature
- Compare various temperature scales (Celsius)
- Label the different parts of a thermometer

Teaching method:

Lecture and demonstration method

Teaching Resource:

Thermometer (cardboard)

Classroom Management **:**

The teacher will announce rules in the classroom.

Initiation **:**

The teacher will ask students to rub their hands. When the students will rub their hand the teacher will ask do you feel anything on your hand? Students will give different answers. Teacher will tell that you felt heat on your hands and today's topic is also heat.

Development:

The teacher will tell students that heat is a form of energy. When we place a frozen bottle of ice outside why does it melt? It melts because the temperature of the bottle and surrounding is different, that's why heat is transferred to surrounding from the bottle.

Teacher will give examples of gola ganda and ice cream, tea etc.

When anything is very cold as ice then its temperature is low but when a thing is hot (tea) then its temperature is high.

Heat and temperature are two different things. Temperature tells us how hot or cold your body is. We use thermometer to measure temp. Heat is form of energy that flows from a body with high temperature to a body with low temperature. In winter when we add hot water to cold water it becomes hot that is because heat travelled from hot water to cold water.

***Recap* :**

The teacher will give a quick recap of the topics:

- heat is a form of energy
- There is a difference between heat and temperature. Heat flows from hot object towards the cold object. and temperature tells us how hot or cold anything is.

Assessment:

The teacher will take assessment by asking questions:

1. Heat flows from cold body to hot is it true or false?
2. What is heat?

Homework

Make a list of places where we use thermometer.

Board work:

Topic : heat and its measurement

Heat : it is a form of energy that travels from one body to other	***Temperature: hotness and coldness of an object***