

Kendriya Vidyalaya BSF Gandhinagar

Holiday Homework For Autumn

Sub- Work Exp. Date- 07.10.2024

Class- VI

Objective- To develop the practical and productive skills along with theoretical knowledge.

Q.1) What is EER- Energy Efficiency Ratio and why it is important to check Star rating of any electrical appliances while purchase?

Q.2) Make any project on best out of waste theme

OR

Q.2) What is a line tester and why we use this.

Q.3) Where do we use a cell and a battery, give examples.

Q.4) Collect waste material from your house and make a project on the theme best out of waste.

Q.5) Define a conductor and an insulator and collect the materials from your home & make a table to classify as electrical conductor and insulator.

Q.6)

Class- VII

Objective- To develop the practical and productive skills along with theoretical knowledge.

Q.1) Make any project out of these- on Best out of waste theme, Art & Craft work or clay modeling

OR

Q.1) Make a simple project of electromagnet with a battery or prepare a gift type envelope of size (8cm*15cm)

Q.1) Make a chart of electrical symbols on a chart paper.

Q.2) Define about electric current, voltage along with effects of electric current.

Q.3) Why we use different color code of wires for house wiring, define color codes of phase, neutral and earth wire and also define about open circuit and close circuit.

Q.4) Collect waste material from your house and make a project on the theme "best out of waste".

Q.5) Why we always take earth wire with largest size (width) compared to phase and neutral wires.

Class- VIII

Objective- to develop the practical and productive skills along with theoretical knowledge.

Q.1) Make any project out of these- Best out of waste or clay modeling.

OR

Q.1) Define about series and parallel connection and make series and parallel connection either physically or virtually on website and also define that why we prefer parallel connection over series connection.

Q.2) What is a magnet & Electromagnet, draw diagrams of both on a chart paper along with their types and applications.

Q.3) Make a chart about resistor color code on a chart paper and steps to identify the value of a resistor and also define that why we use it.

Q.4) Define an electrical fuse and its types along with uses on a chart paper.


Subject Teacher


Principal