



**Bal Bharati**  
**PUBLIC SCHOOL**  
**M A N E S A R**

**Activity name: Model Making (eco-friendly products)**

**Class: XII**

**Date: 24<sup>TH</sup> November 2022**

**Description** – A vacuum cleaner, commonly referred to as a "vacuum" or "hoover," is a machine that creates suction to take dirt off of surfaces including floors, couches, draperies, and other objects. Typically, electricity is used to power it.

The dirt is collected using either a dust bag or a cyclone for disposal. Small battery-powered hand-held vacuum cleaners, wheeled canister models for home use, domestic central vacuum cleaners, enormous stationary industrial machines that can hold hundreds of litres of dirt before being emptied, and self-propelled vacuum trucks for the clean-up of significant spills or the removal of contaminated soil are all different sizes and models of vacuum cleaners that are used in both homes and industry. Both solid objects and liquids may be sucked up using specialised shop vacuums.

In this activity, students have made a working model of a vacuum cleaner on a small scale by using waste material, a water bottle, and a few electrical components that are easily available in the market. The device has been working well with the minimum possibility of error.

**Glimpses:**



