

**Title of the project:-Water purification**

**Material used:-** Card board, plastic/paper glass, small pipe, empty plastic box, gum, straw

**Principle involved:-** The process in which solid particles in a liquid or gaseous fluid are removed by the use of a filter medium that permits the fluid to pass through but retains the solid particles

**Description of the experiment:-** The process of removing undesirable chemicals, biological contaminants, suspended solids and gases from contaminated water. The process by which undesired chemical compounds, organic and inorganic materials , and biological contaminants are removed from water

**Innovativeness:-**

Direct-contact membrane desalination

Ceramic water filters

Super sand

Removing arsenic in plastic bottles



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