

## Lesson Plan -Nutrition

**Subject: Science      Chapter: Health & Disease      Topic: BMI**

### **Extension Lesson Plan - 2: BMI Teller Machine**

(This Problem is an extended part of the project work that students have already done on BMI.)

By now students already know that a good Body Mass Index is a general indicator of whether a person has a healthy body weight for their height, so to make it available to the public, students will make a device that can be used in any place, by anyone whoever would want to know about their BMI. The device/prototype must be easily usable in public space and requires the least space.

Students can work in groups and further make 2 subgroups to work on different parts of the prototype. They will also need to Identify the requirements of the materials/tools to make the device.

To make the prototype or solution students can use any application / tool of their choice however there are a few suggested tools and application given below: -

1. Arduino
2. Scratch
3. Python
4. Spreadsheet