

# Name - EDUCATOR KIT 3 TO 5 GRADE (1:4)

## Order Code - STEM-129

### What is an Educator Set ?

Educator Kit is a One Stop Solution for schools.

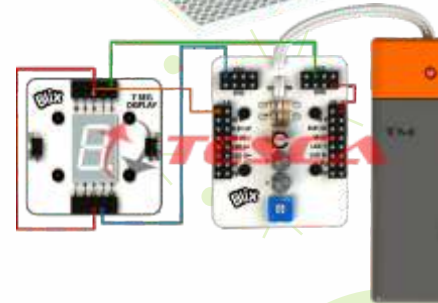
It has features like-

- One set for Grade 1-8.
- Set is designed in the student kit ratio of 1:4 or 1:2, depending as per the school requirements.
- 30 projects per Grade.
- Total of 240 projects - Grade 1 to 8
- Manuals can be accessed online, easily.



### How to use Educator set

- Fetch the required grade manual.
- From the index, identify the boxes required to perform the required experiment.
- Remove the corresponding boxes from the educator set.
- Refer the manual for the chapter and using the parts from the boxes, build the model and perform the experiment.



### Screenless Programming

- Build **algorithm** using the logic blocks.
- Convert **logics into Truth Tables and Truth tables into logics.**
- Experiment with sensors & Motors.



### Machines & mechanism

- Motion
- Mechanism
- **Mechanical Advantage**
- **Energy, Force, Power**
- Work done
- Simple Machines

### Basics of Electricity

- Make electricity intuitive & fun.
- Learn about **Voltage-current, AC-DC, Resistances, Capacitances, Electric Power** etc.

