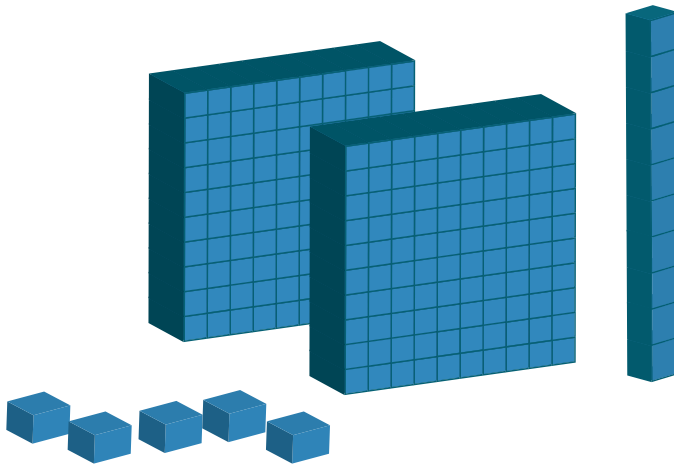


# Ten-Blocks (Product ID: LAB -004)

For **4** years and above



Contains a set of hundreds, tens, ones and ten-frames packed in a fiberboard base frame, and a user manual

### **Color Scheme, Shape, and Quantity:**

Square shaped base-frame with wooden pieces, indicating ones (x30 - Brown), tens(x13 - Polished), and hundreds(x2 - Yellow) colored in primary colors.

### **Dimensions:**

Box size: 7.5" x 7.5" x 1.75"

### **Materials:**

Wood and fiber board

### **Uses for learning and intellectual development :**

- How Hindu-Arabic number system works?
- How are numbers groups and ungrouped?
- How does place value system work to make unlimited numerals from 10 symbols?
- How decimals (fraction of tenths) work?
- What is percentage and how it is used?
- Learning relationship between fractions, decimals and percentages?
- Learning benchmark numbers that help in estimation and mental-maths?  
Making puzzles – on number operations.

### **Safety & Quality:**

This tool is safe to use. It is light-weight and has no sharp edges. No harmful substances have been used in making it. It is safe for children of recommended age.

### **Environment:**

We are conscious of impact of our activities on nature. The objective behind making re-usable tools with local materials is to minimize its impact on environment for a sustainable living of human and non-human species.

### **Support:**

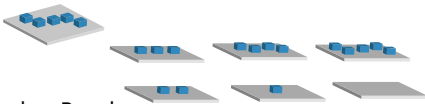
For any feedback, suggestion, query or complaint, please contact.

Email:  
[hr@elements-learning.com](mailto:hr@elements-learning.com)

## **Ideas for Maths activities**

### **Number Sense**

- How big numbers are formed?
- How do we know about magnitude of a given numeral?
- How numbers can be broken into smaller numbers?
- How are numbers related to each other?
- How are numbers affected by operations?
- Where do we use numbers in real life?
- What patterns do numbers form?



Number Bonds

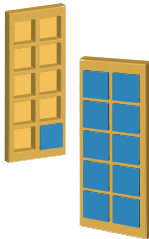
### **Place Value**

- What does place of a digit mean? How do we know real value of a digit in a given numeral?
- How does place value concept works?
- What is advantage of place value?
- How is it different from other systems (e.g. Roman)?
- > What is significance of zero? Why do you think it was invented?

Hundreds	Tens	Ones
2 Hundreds	3 Tens	4 Ones

### **Writing Numerals**

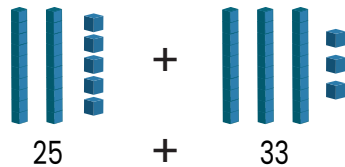
- What is difference between number and numeral?
- How are numerals formed?
- Why do we need to group numbers?
- Why do we need decimal point?
- Why we align decimal points in arithmetic operations?



Visualizing 11

### **Number Operations**

- What are basic principle in number operations?
- How are number grouped and ungrouped?
- Why we start addition, subtraction operations from right side?
- What are concept of change, compare and combine?



**NOTE:** These are sample activities to start learning Maths fun with this tool.

Many interesting ideas on Maths-learning activities are given in booklets (to be separately purchased). The content of booklet are research based, designed for accelerated learning)