

TOOLKITS
CATALOG

Logical thinking kit

9 - 12

Self confidence

A wooden toolkit in the shape of clock which has two pointer each of them used to refer to number from 1 to 12, there is a space allow them to put the result of multiplication and there are square parts each of them sign with a number from 0 to 9 to make the results

The toolkit objective is to help students find the multiplication results with playing so they can memorize it.



Design thinking kit

9 - 20

Problem solving

Teaching underprivileged children the Design Thinking technique in a gamified way.

The game consists of two parts:

A guide book that contains all the game information and the steps.

A press-fit construction kit to make their prototypes.



Teaching Angles

12 - 15

Mathematics

A toolkit to teach children about angles by using 3D solids angles.

The toolkit consists of 4 main parts:

A base with slots.

A press-fit back to go through the base.

A 3D printed rod to hold the angles.

4 wood angles see the figures in the implementation section.



Multiplication Clock

9 - 12

Mathematics

A wooden toolkit in the shape of clock which has two pointer each of them used to refer to number from 1 to 12, there is a space allow them to put the result of multiplication and there are square parts each of them sign with a number from 0 to 9 to make the results **The toolkit objective** is to help students find the multiplication results with playing so they can memorize it.



Digestive system

12 - 15

Science

Create a puzzle kit to make the kids familiar with human body digestive system parts and their functions.



BMC Wonders

9 - 30

Problem solving

Make a board game to learn Business model canvas in a fun interactive way.

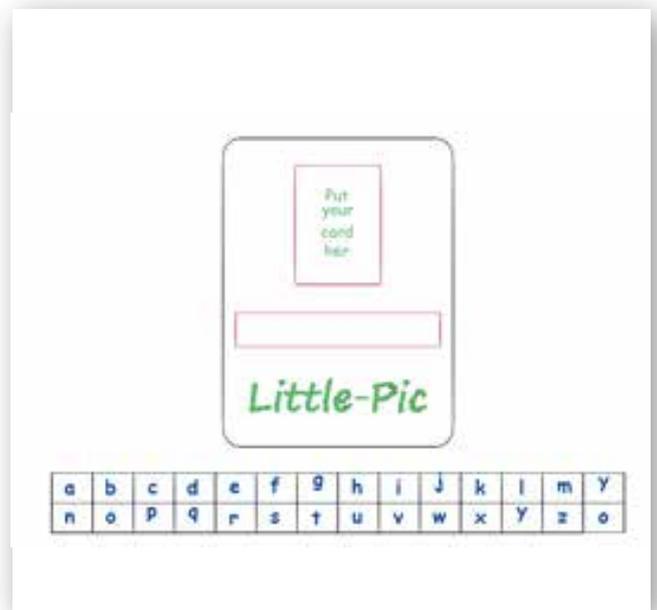


Little-pic

9 - 12

English

Make an interactive word game of cards and letters. The objective is to teach the english words and how to spell it.



The world around us

9 - 15

Geography

Create a puzzle kit to make the kids familiar with the world around them starting from our solar system to their hometown.

The MEGAKIT will include the following topics:

Solar system

Our Earth , The Continents and oceans

The map of the world

The map of Arab nation and middle east

The map of Egypt



Long Division

12 - 15

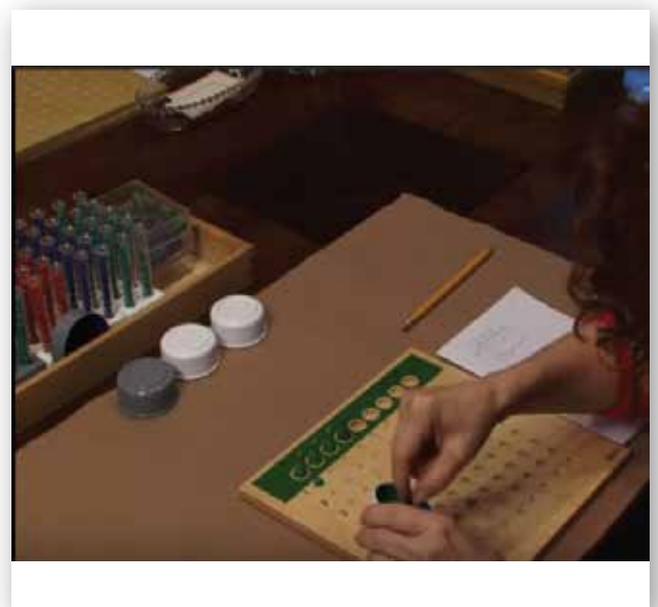
Mathematics

A toolkit that applies the Montessori method of teaching for the long division.

It consists of three main parts:

A board with numbers from 1 to 9.

Colored Shapes (Circle & Square).

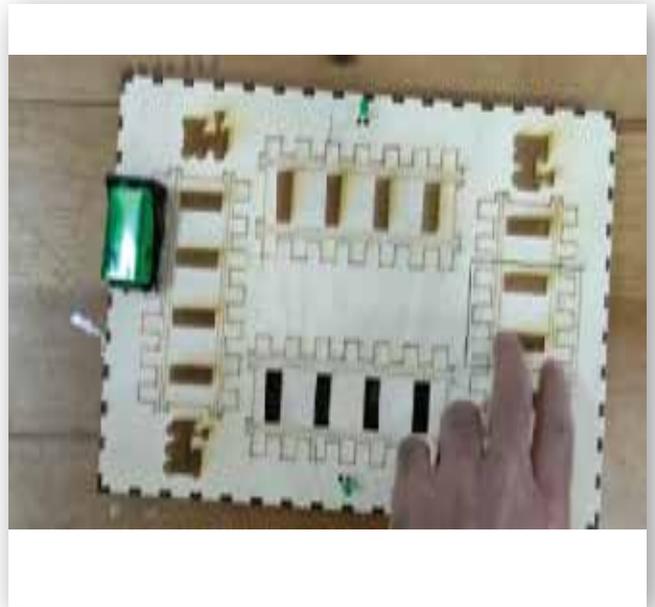


ElecTrain

9 - 15

Electronics

A wooden kit with different electronics components with it and kids friendly. Uses the LEDs to indicate the follow of the electrical current among the circuit and easy to use.



Geometric shapes

7 - 12

Mathematics

A puzzle plate with all different geometric shapes. The objective is to know the exact shapes look and the difference,



Fraction numbers

7 - 12

Mathematics

A puzzle plate with all the common fraction numbers. to know the difference between them, And how many parts for each number to make an integer one.

