

Ideas for Maths activities

Art & Design

- Can you arrange all pieces in a given shape (triangle, parallelogram, hexagon etc.)?
- Can you make an action shape?
- Can you make a symmetric shape?
- Can you make different shapes (4 sides, 5 and so on till 12-gon)?
- Can you make certain shape with a hole inside?



Geometric Thinking

- How simple shapes can compose different shapes?
- How different shapes cover the same space?
- How to compute perimeters?
- How adding areas gives total area of shape?
- How areas may be subtracted?



Sense of space and proportion

- What is relative size of pieces?
- How apparently different sizes are actually same?
- Which shapes are similar?
- Which shapes are congruent?



Hand-Eye Coordination

- Fill in the given space?
- combine shapes of equal sides?
- Find the missing piece in a given shape.
- Arranging to make complex shapes.



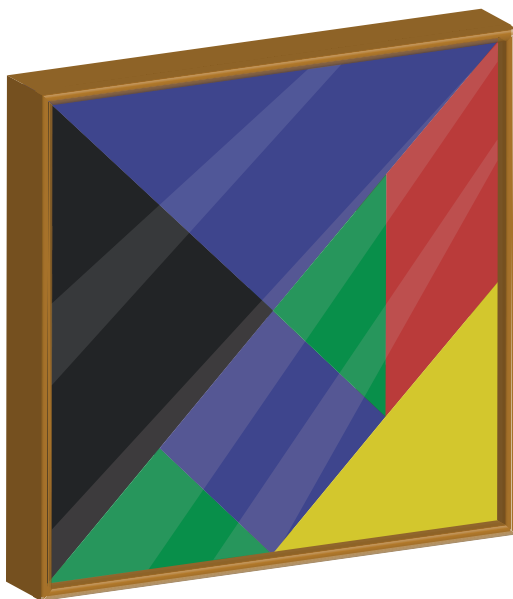
NOTE: These are sample activities to start learning Maths fun with this tool.

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)

Tangram

(Product ID: LAB -002)

For **4** years and above



Contains a 7-piece tangram puzzle, a fiber board base frame and a user manual

Color Scheme, Shape, and Quantity:

Triangle - Blue (x1)
Triangle - Black (x1)
Triangle - Yellow (x1)
Triangle - Green (x2)
Square - Blue (x1)
Parallelogram - Red (x1)

Dimensions:

Box size: 7.5" x 7.5" x 0.75"

Materials:

Wood and fiberboard

Uses for learning and intellectual development :

- Making different shapes – alphabets, animals, actions, home objects, outside objects
- Learning properties of simple polygons
- Imagining shapes and relating to real objects (nouns) and actions (verbs)
- Learning concept of plane and tiling
- Learning counting – sides and angles
- How same area can have different orientations in space
- Orientation and symmetry of shapes in a plane
- Area and perimeter, how those are related and different
- Dissections and combinations of 2D shapes
- Learning fractions – parts and whole
- Making puzzles – on shapes, missing pieces, combinations, designs, tiling & tessellations

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.

Support:

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

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.

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