

SIX BRICKS

The 'Power of Play'

Certified by



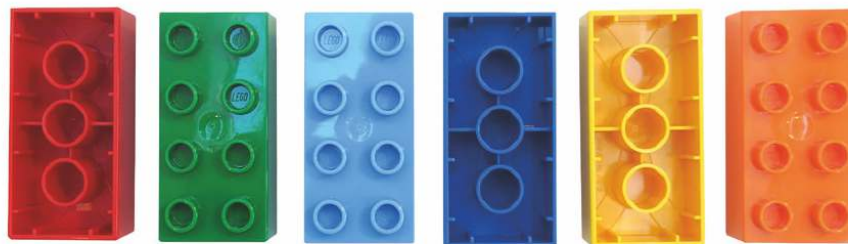
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The LEGO Foundation

WHAT IS SIX BRICKS?

Six Bricks is a hands-on tool for learning. Through fun and short activities with sets of LEGO DUPLO brick in six bright colours, children can practice their memory, communication, collaboration, movement, creative and more. Six Bricks consist of red, orange, yellow, green, dark blue, light blue 2x4 DUPLO bricks.



**“Children must master the language of things
before they can master the language of words.”**
- Friedrich Froebel

Froebel, the father of the term Kindergarten, understood just how important tactile stimulation and the use of manipulatives are for the perceptual development of children. Children develop core learning skills through play.

Six bricks not only assists with critical cognitive skills but caters for “Whole Child” development. Learning becomes fun - creates happy, positive vibes in the classroom which affects both children & teachers.

There are over 500 activities available for Six Bricks which enable physical, cognitive, social and emotional development for preschool & elementary children.

SIX BRICKS ACTIVITIES CAN BE USED



Individually



Remediate Learning Challenges



With a Variety of Ages



In a Small Group



With a Partner



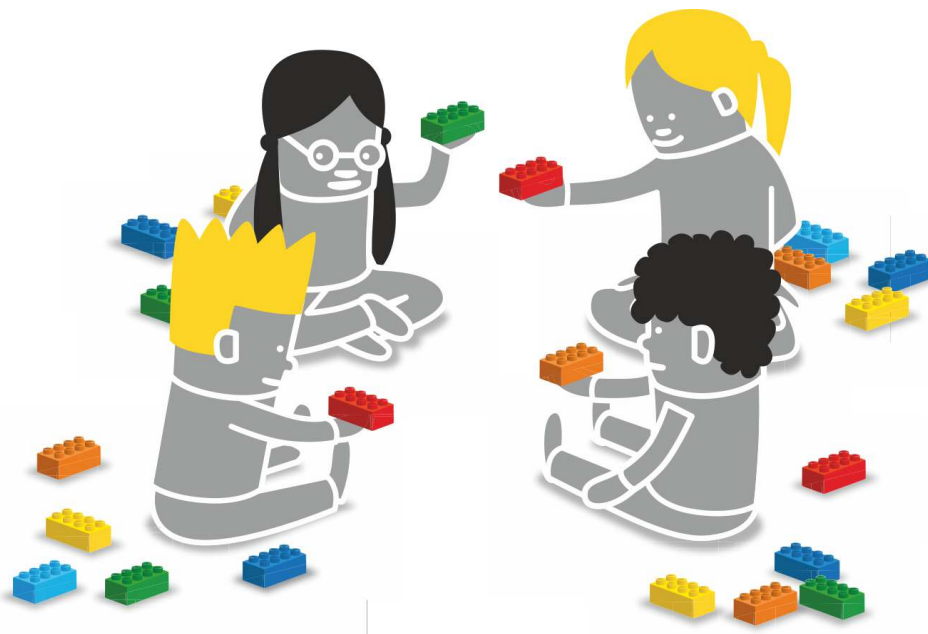
As an Assessment Tool

Six Bricks is a cost effective & easy way to get manipulatives into the hands of every child in the classroom in order to experience colourful, fun, hands-on learning.

WHO CAN USE ‘SIX BRICKS’?

Six Bricks is a great tool for teachers & parents to use with their children when assisting them with skill development, engagement activities or homework.

- 🧱 Pre-school and Elementary school teachers & children
- 🧱 Special Education Need (SEN) teachers & children
- 🧱 NGOs, Schools for differently abled
- 🧱 Home-schooled children
- 🧱 High school children for social initiatives
- 🧱 Parents to use at home



WHEN TO USE SIX BRICKS?

- 🧱 As a ‘Warm-up’ activity to begin the day & ‘Unwind’ activity at the end of the day
- 🧱 As a ‘Brain-break’ during the course of a school day
- 🧱 As a ‘Brain-gym’ in any of the learning areas to develop working memory, inhibitory control & cognitive flexibility
- 🧱 As a concrete tool for children to manipulate to develop critical learning skills

Six Bricks activities can take 2 - 5 minutes. They are short, sharp & engaging activities that wake up the brain, but they must be done everyday.

WHY SIX BRICKS?

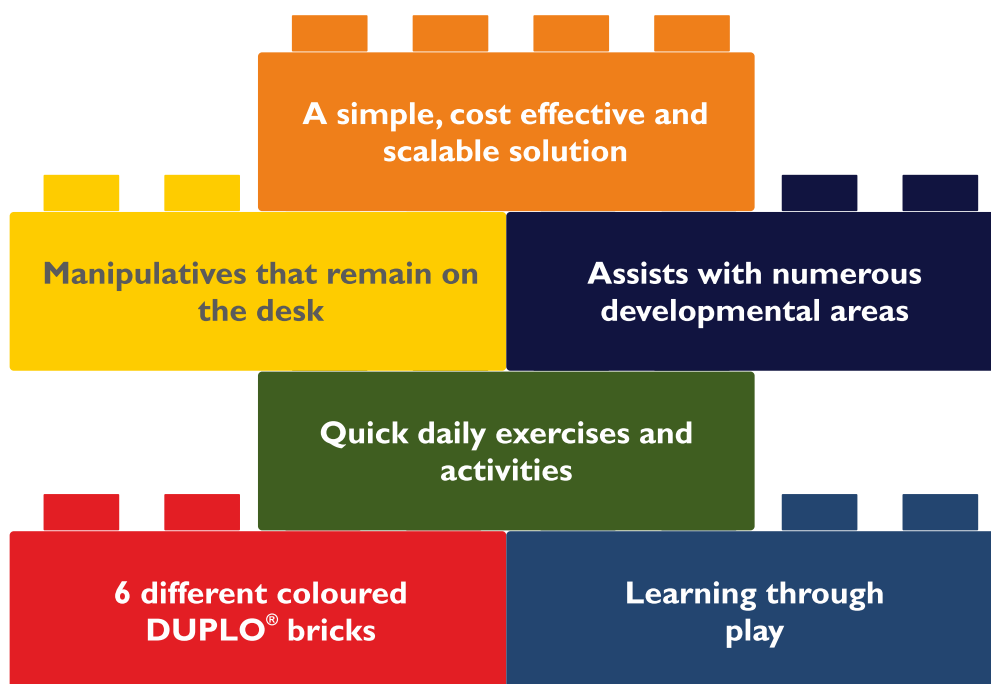
Six Bricks is a concept which playfully engages children in a variety of skills development. As with any skill, to develop it, one needs to explore it, to experience it, and to practise it. With Six Bricks,

- 🧱 Learning becomes fun
- 🧱 Develops core learning skills through play
- 🧱 Develops bilateral coordination - crossing the midline
- 🧱 Creates receptive environment to engage & mental readiness to focus & concentrate

Children grow and develop at different rates – it is so easy to adapt Six Bricks activities to any child's level, thereby making the activities suitably challenging for all.

Six Bricks activities,

- 🧱 Caters for different learning styles by using many different ways to teach – it caters for the **visual learner**; the **auditory learner**; the **tactile learner**.
- 🧱 Allow children to make mistakes without feeling ashamed or embarrassed – enables the **PROCESS** to become important, not the result. Children can make mistakes and learn from their mistakes – improve; try out; experiment without the fear of “being wrong”. In this way they become confident and adventurous and other ideas spark.



There are 900 million ways to connect a set of ‘Six Bricks’, through which children can create and invent endless combinations, practicing creative-thinking.

Six Bricks activities cater for the “whole child”; activities are especially designed to cover all developmental areas and develop executive functions of the brain, mainly for, preschool and elementary children.

Build these Developmental Areas

- **Physical**
 - Fine motor skills (hands & fingers)
 - Gross motor skills (whole body)
 - Use senses (sight, touch etc.)
 - Spatial skills / orientation
 - Balance / coordination
- **Emotional**
 - Empathy
 - Motivation
 - Self-awareness
 - Express emotions
 - Self-confidence, self-esteem
- **Intellectual**
 - Attention skills
 - Reasoning / logic
 - Problem-solving / experimentation
 - Memory skills
 - Creativity & Imagination
- **Social**
 - Language (descriptions)
 - Perspective-taking
 - Collaboration
 - Share ideas / thinking
 - Roles & responsibilities



Develop these Executive Functions

- **Attitude & Motivation**
 - Initiates activities
 - Enjoys solving problems
 - Tackles new tasks confidently
 - Persists in the face of difficulties
 - Finds own resources without adult help
- **Planning, Focus and Shift Attention**
 - Keep attention & resist distraction
 - Monitor progress & seek help when needed
 - Ask questions and suggest answers
 - Plan own tasks, targets and goals
 - Develop own ways of carrying out tasks
- **ProSocial**
 - Speak about how or what they have learnt
 - Speak about own/others' behaviour & consequences
 - Use previously taught strategies
 - Use previously heard language for own purposes
 - Be aware of own strengths and weaknesses
 - Make reasoned choices and decisions
- **Reflecting on Learning**
 - Negotiates when & how to carry out tasks
 - Can resolve social problems with peers
 - Shares and takes turns independently
 - Engages in independent cooperative activities with peers

Executive functions are mental skills that help the brain organize and act on information. These include working memory, reasoning, task flexibility, and problem solving as well as planning and execution.

SIX BRICKS FOR SCHOOLS

Six Bricks is an attempt to bring back that element of playful learning to the classroom and more specifically to the child’s desk.

Integrating Activities into the Curriculum

Six Bricks has been designed for classroom use for children engaged in a more formal schooling environment. The activities that will be explained and demonstrated in this training course, are designed to develop children’s

- 🧱 Perceptual skills
- 🧱 Language & numeracy skills
- 🧱 Executive functions & breadth of skills

It can, therefore, be easily adapted to suit any curriculum of teaching circumstances.



Breadth of Skills

Breadth of skills refers to learning opportunities across ages, both inside & outside of school. Dr. Tony Wagner, coordinator of Harvard’s Change Leadership Group, has identified seven core competencies every child needs to prepare themselves for the world of learning & work.

- 🧱 Critical thinking & problem solving
- 🧱 Collaboration
- 🧱 Agility & adaptability
- 🧱 Initiative & entrepreneurialism
- 🧱 Effective oral and written communication
- 🧱 Accessing and analysing information
- 🧱 Curiosity and imagination

Six Bricks activities & games support the development of breadth of skills & play enables this learning to take place.



Special Needs Children (SEN)

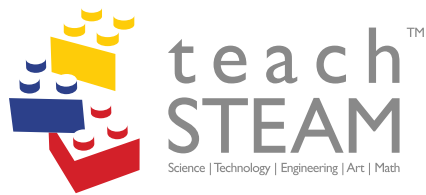
Six Bricks activities work well for Special Needs Children – growth & development do not proceed “normally” for all children.

- 🧱 Children with disabilities require particular attention to their particular disability. Teachers can adapt Six Bricks activities to teach them one-on-one.
- 🧱 Children who are gifted also require attention. Their exceptional abilities must be challenged and stimulated - can be scaled up to do this.



Students and Teachers with Six Bricks





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