



teach
STEAM
STUDIO
Science | Technology | Engineering | Art | Math

Presents

Teach**STEAM** Duplo[®] Program

LEGO[®] based
Skill Development Workshops

for
2.5 - 4 Years



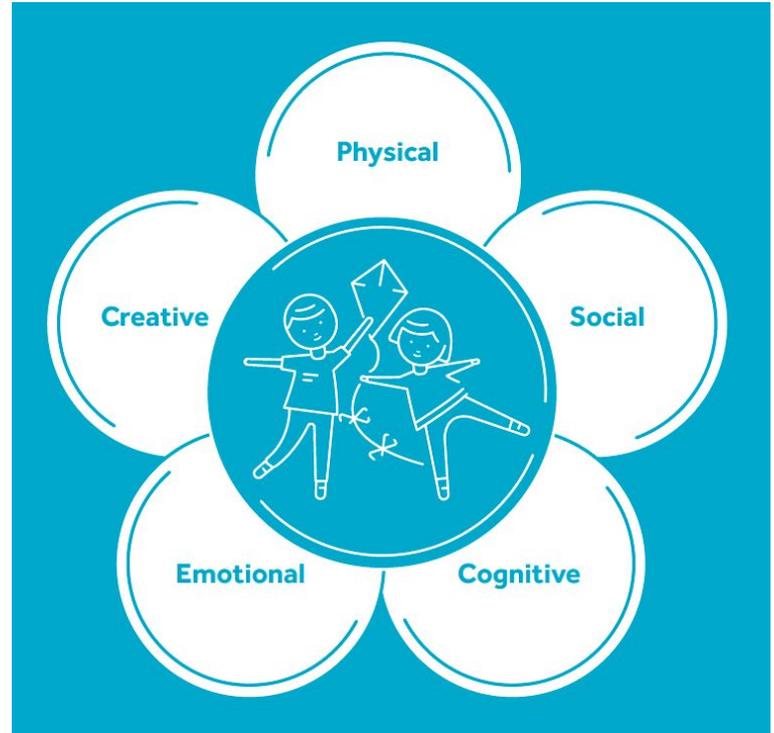
LEGO Education & Whole-child Development

LEGO® is not just a brick or a toy. With its ease of use, power to keep children engaged and with the right curricula and methods tailored to each child; it harnesses a child's full potential.

LEGO® Education is based on a hands-on learning approach that actively involves students in their own learning process, making learning fun and an adventure. 'LEGO' name comes from the Danish word 'leg godt' means to "play well."

Play is the essential ingredient in a child's growth and development. Research validates that children can develop 5 essential core learning areas & 21st century skills effectively using LEGO.

1. Creativity,
2. Communication
3. Critical Thinking
4. Collaboration





What & Why TeachSTEAM ?

TeachSTEAM is a hands-on education organisation for K-8 (3-13 yrs). We offer LEGO® inspired teaching solutions to schools & STEAM organisations to empower & nurture playful learning practices. We are inspired by the ***'learning through play'*** concept to teach Science, Technology, Engineering, Art and Math (STEAM) in an interactive, engaging and fun way.

Our hands-on education solutions include:

1. Content & Curriculum



2. Teachers' Training



3. Support



TeachSTEAM fosters holistic child development. While most hands-on programs focus on just STEM, TeachSTEAM brings in the importance of 'A' for Art, which injects a sense of play to spark students' imagination.

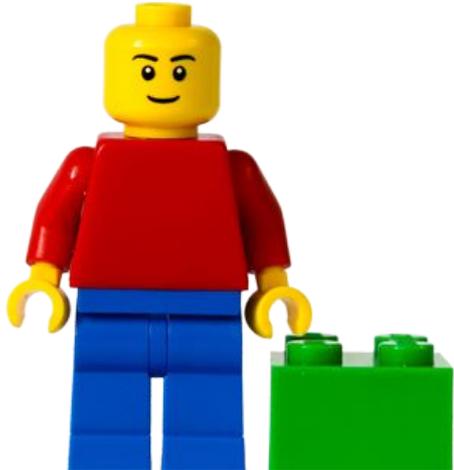
We use LEGO® bricks as a tool to develop various age appropriate skills like Creativity, Math, Language & Literacy, Social Emotional Skills, Math, Scientific Inquiry, Early Engineering, Coding & Robotics - STEM Skills.

Learning becomes fun when children explore, build & learn using LEGO & the STEAM approach!



TeachSTEAM Duplo Program

Children constantly explore the world around them – playing, experimenting and thinking like small scientists. TeachSTEAM Duplo Program is designed to stimulate children's curiosity to explore together & learn through play. The hands-on learning approach employed is proven to ensure the highest level of development in preschoolers at this ripe age.



TeachSTEAM Duplo Program				
Sr. No.	Module Name	Sessions	Duration/Session	Core Skills
1	My First Bricks	12	1 hour	Physical, Perceptual
2	World Around Me	12	1 hour	Perceptual, Social
3	Math&More	12	1 hour	Early Math, Cognitive
4	Tell-a-Tale	12	1 hour	Language, Literacy, Communication
5	Build Emotions	12	1 hour	Social-emotional, Communication
6	Early Science	12	1 hour	STEM Skills
	Total	72 hours		



I. My First Bricks | Physical

Children are introduced to the world of LEGO® play in this series. Designed for the absolute beginner, it is ideal for any preschool children as their first foray into LEGO®. It explores the potential of bricks through physical & perceptual activities and models by providing easy-to-follow instructions on using LEGO® bricks.

Program details:

- Includes 12 Lesson plans, 6 of Level 1 & 2 each
- Explore & experience first bricks to develop imagination & creativity.
- Develops physical & gross motor skills with crossing the midline, bilateral integration & hand-eye coordination
- Develop visual & auditory discrimination, concentration & focus.





2. World Around Me | Perceptual

Provides children their first look at the different elements of the environment and society that makes the place they live in. It includes nature across land, water and air, along with the vehicles that now inhabit them. Builds their perceptual power by enabling them to recognize things around them.

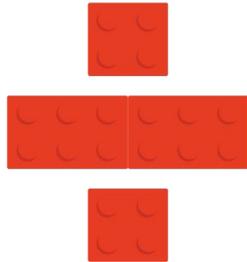
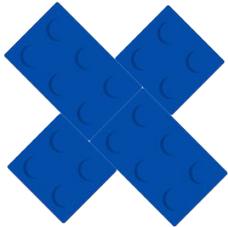
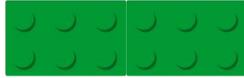
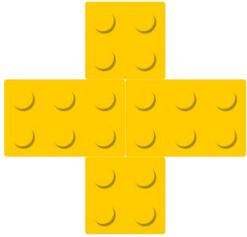


Program details:

- Includes 12 Lesson plans, 6 of Level 1 & 2 each
- Explore the world around them through role play and imaginative skills
- Develop creativity by exploring bricks using size, color, shapes & building techniques
- Learn and build more about the surrounding with 'Learning through Play'



3. Math & More | Numeracy



Introduction to basics of maths and numeracy by exploring patterns, numbers and shapes. Builds cognition and enables children to see the world around them through the lens of familiar concepts like counting, geometrical representations and repeated sequences.

Program details:

- Includes 12 Lesson plans, 6 of Level 1 & 2 each
- Develop memory & early math skills
- Learn about shapes & space, size, patterns & symmetry
- Conceptualise matching, counting, comparing, estimating & ordering.

4. Tell-A-Tale | Language



Children develop their vocabulary and communication by using their LEGO® bricks to build and narrate simple tales. It enables them to grip the aspects of language, including alphabets, sounds, words, and sentence articulation.

Program details:

- Includes 12 Lesson plans, 6 of Level 1 & 2 each
- Learn how to build stories using characters & settings
- Learn initial sounds, build words & vocabulary, develop auditory skills.
- Develop language using scene-by-scene story building & telling, strengthen imagination & creativity

5. Build Emotions | Socio-Emotional



Children learn about the emotions that they have felt without realizing them. By building the visual representations using bricks and listening to the accompanying story, they understand the basics of the human emotional spectrum and learn to be a part of a social setting.

Program details:

- Includes 12 Lesson plans, 6 of Level 1 & 2 each
- Recognize and understand own & others' "Emotions"
- Express their thoughts and feelings in appropriate manner
- Develop self-awareness through stories about day-to-day preschool scenario
- Resolve conflicts constructively



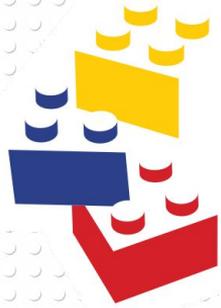
6. Early Science | STEM Skills

In alignment with our progressive world, children develop the core STEM skills by building scientific structures like bridges, towers and walls. They learn the early science concepts behind these LEGO® structures to gain an understanding about how the world around them works.

Program details:

- Includes 12 Lesson plans, 6 of Level 1 & 2 each
- Understand stability, balance, and strength by building structures
- Investigate how things move, roll, float, cause, and effect
- Build early science foundation





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