

Children develop differently. Building on the latest research on brain development, Hand in Hand Learning gives parents an insight into their child's seeking mind.

From the moment we are born, the way we think, communicate and learn is unique to each of us.

Our unique approach at **Bricks 4 Kidz** with Hand in Hand Learning Strategies will give you insight into the fascinating world of your child's seeking mind.

A newborn baby's brain is about 25 percent of its adult weight. By around three years, the child's brain will have developed by growing billions of cells and many trillions of synapses, connecting cells with the resulting expansion in operational activity. This initial three years of unimaginable cellular growth boosts a baby's brain development at a greater rate than any other age.

Every day neuroscientists are discovering more and more amazing things about how the human brain functions and develops. This research has led to a new understanding about just how much we as parents and careers shape the brains of our children. The question of nature versus nurture has been discussed for many years. It is becoming clearer that the person that we will become is down to a mix of both our inherited genetic makeup, and just as importantly the environment that we grow up in.

Aspects of Hand in Hand Learning Strategies 4C's

Construct

Completing a model with LEGO® bricks nurtures process-oriented thinking and helps children develop abstract thought to envision the project before it is complete.

Connect

- The spatial/relational thinking necessary to follow the project instructions taps into both the visual and kinesthetic learning styles of many children. Kinesthetic or tactile learners learn by doing. Also, playing with LEGO® bricks is highly motivating, so children are more likely to retain information that is delivered in the context of something that interests them.
- Working through frustration to complete a project builds self-esteem.

Communication

- Social/emotional skills such as patience, communication and teamwork are exercised in the process of completing a build.
- Working with a partner fosters *teamwork and cooperation*.

Creativity

- Sequencing is an important skill in many learning processes and the motivational nature of this type of sequencing makes it fun for children, while the skill gained can easily translate to other environments.

