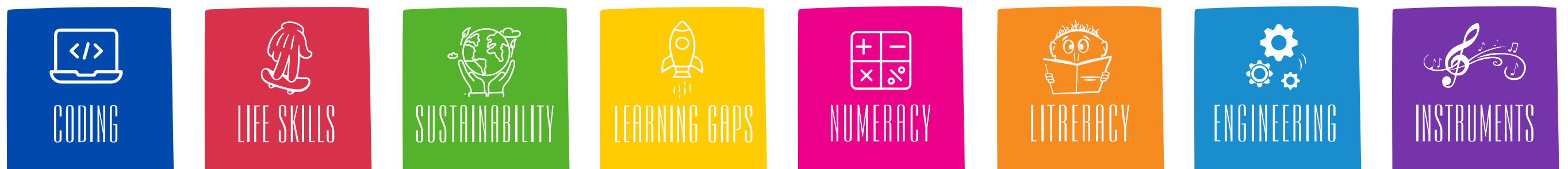


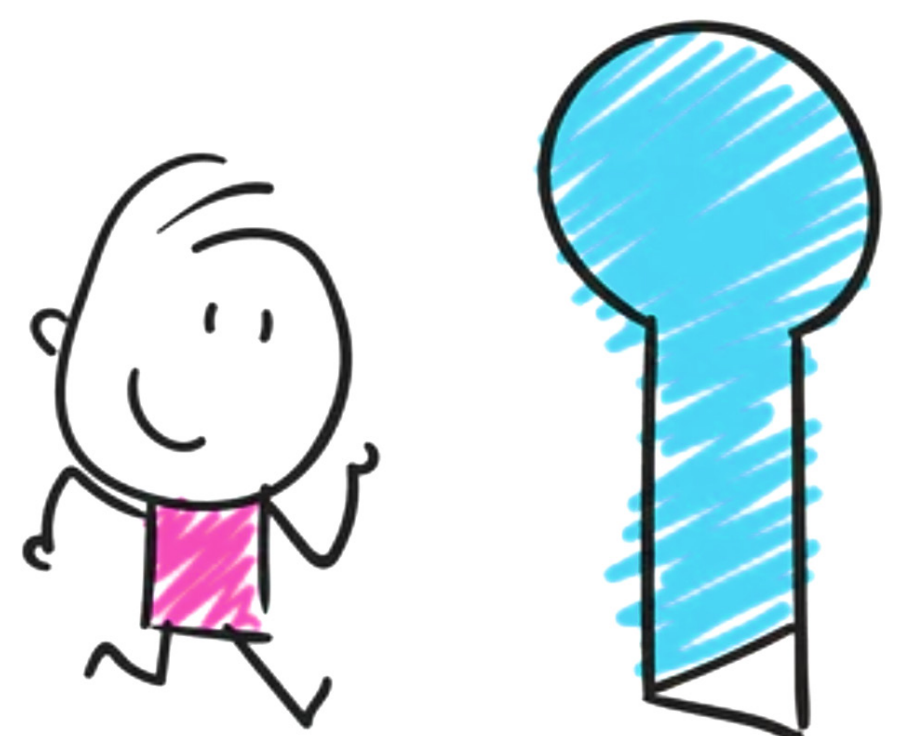
HELLOSUMMER



SUMMER CAMP - SNAPSHOT

	1	2		3	4
	10:00 - 10:40	10:50 - 11:30		12:00-12:40	12:50 - 1:30
EXPLORERS (2.5-4)	MOVERS AND SHAKERS	LEARN THROUGH PLAY		BOLLAIN!	NUMBER MANIA!
INQUIRERS (4-5)	SCRATCH JR. CODING FOR THE YOUNG ONES	REACH FOR THE STARS!	LUNCH	JR. CHEF	FUN WITH PHONICS!
				THE 100 LANGUAGES OF CHILDREN	
BUILDERS (6-8)	SCRATCH JR. CODING FOR THE YOUNG ONES	LET'S OPEN AN ICE CREAM SHOP		AMUSEMENT PARK FOR BIRDS	TASTE OF ENGINEERING
	SINGING MANIA				NUMBER NINJAS
THINKERS (8-11)	YOUNG ENTREPRENEURS	SCRATCH CAMP CODE-E-THON		INVENTING WITH AURDINO	TASTE OF ENGINEERING
		DRUMMING MANIA		JUST THINK!	"I AM A PUBLISHED AUTHOR"

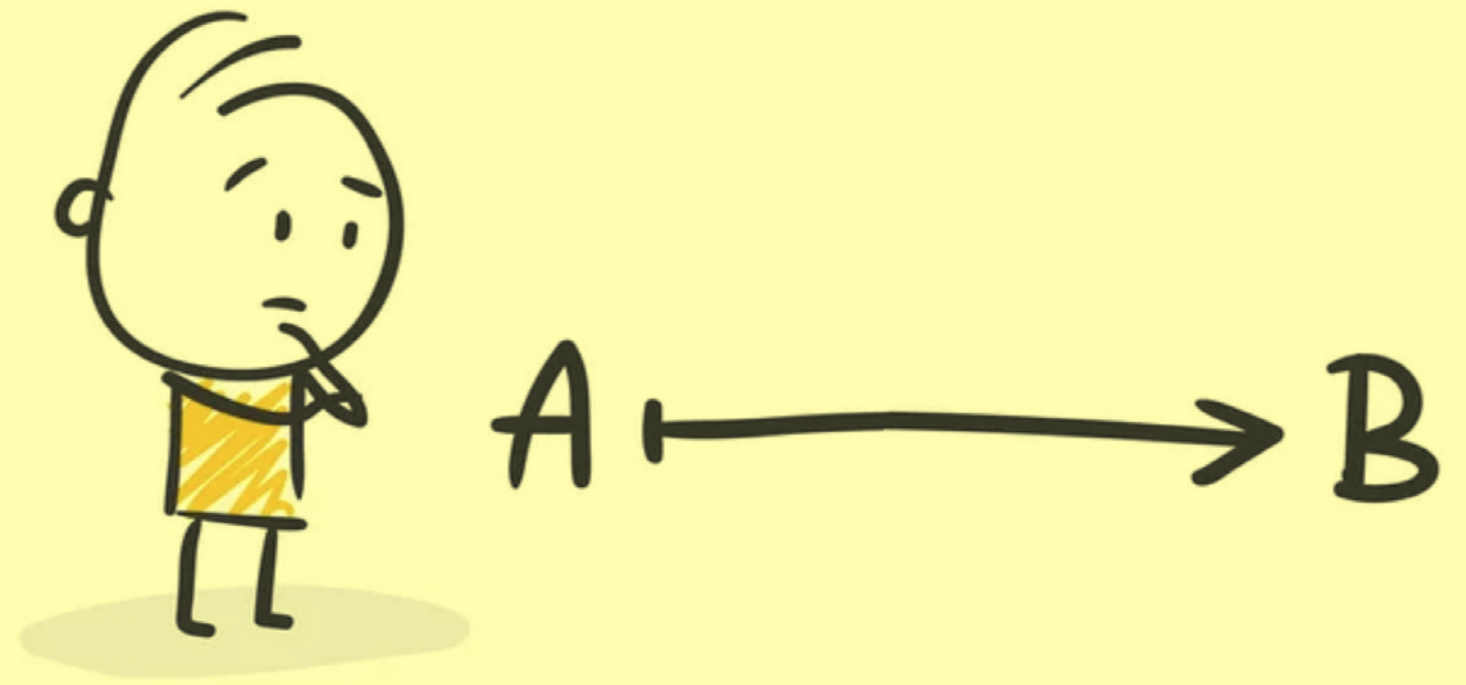
*DETAILS ARE GIVEN BELOW



EXPLORERS

Explorers are our youngest age group (2.5yrs - 4yrs). This four weeks camp will prepare them for regular school in September.

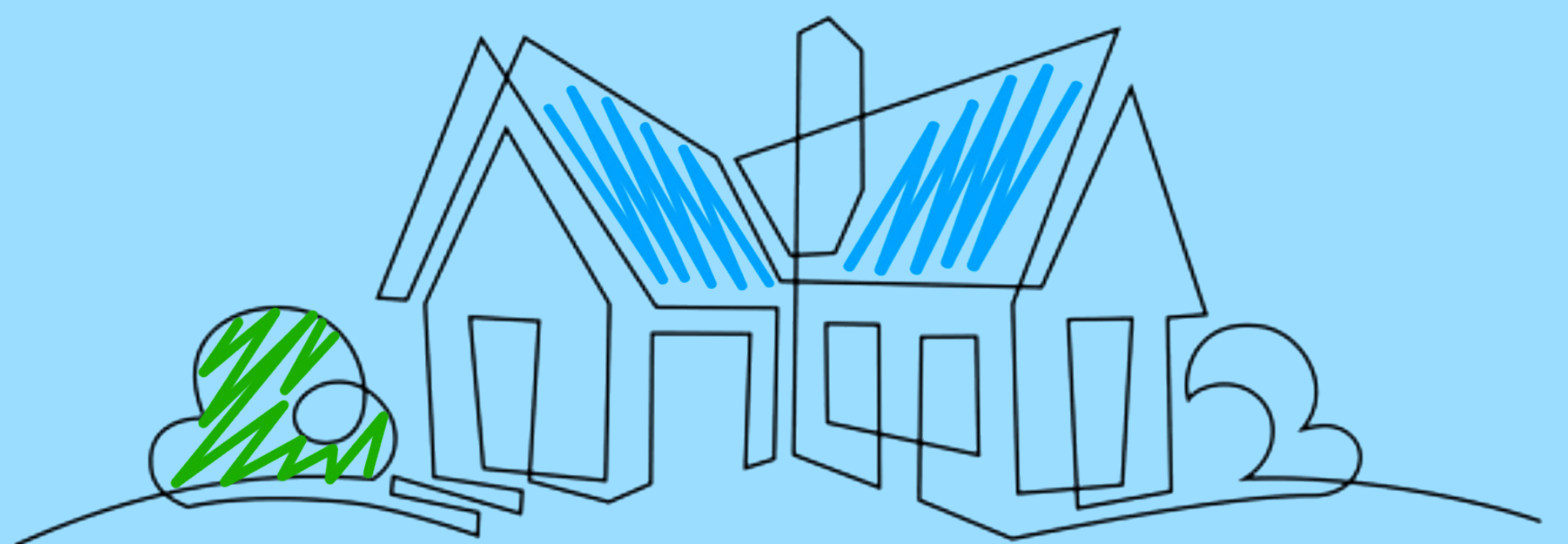
- **Art of living:** learn through the arts; our young explorers will learn the various aspects of mind , body and soul on how to express themselves according to the surroundings.
- **I use my senses!** exploring all the five senses in and around us through PBL.
- **Bollain! Urdu imagination coming to life** explorers learning through talking and listening.
- **Number Mania: Logic and Numeracy** number recognition through daily life chores.



INQUIRERS

Our Early Years (4 yrs - 6 yrs) aims to holistically develop a child's social, emotional, cognitive and physical needs to build a solid and broad foundation for lifelong learning and wellbeing. This level includes Nursery, Reception, and Kindergarten and is called the 'INQUIRERS.' This four weeks camp will get them prepared for the next academic year.

- **Scratch Jr. - Coding for the young ones:** As young children code with Scratch Jr, they learn how to create and express themselves with the computer, not just to interact with it. In the process, children learn to solve problems and design projects, and they develop sequencing skills that are foundational for later academic success. They also use math and language in a meaningful and motivating context, supporting the development of early-childhood numeracy and literacy. With Scratch Jr, children aren't just learning to code, they are coding to learn.
- **Reach for the stars:** In this project, students will take on the role of trip planner/travel agents and help travelers to plan their trip to outer space. In this 4-week course, they will learn about the moon, stars and planets of the solar system and what would be needed to travel and survive in outer space. They will explore questions such as, how long would it take to get to the moon? What would you take with you to outer space? Using all the information, students will create a Facebook page that will be your trip adviser for space travel.
- **Junior chef:** Baking is a holistic learning experience for every student, specifically early years that provides myriad development opportunities. Junior chef is a 4-week baking camp that aims to inculcate 21st century skills in children. To enhance creativity and collaboration, children will be creating their own recipes, working in groups, learning to set up the table and most importantly clean up. Also, in addition to learning new recipes they will be learning basic measurement concepts, where the food comes from and food that we need to stay healthy.
- **Fun with phonics:** Phonics or sound recognition is extremely important in developing early literacy skills. Our 4-week camp offers fun and interactive classroom experience where your child will learn phonics through a jolly phonics program and be prepared for the upcoming academic year .Each sound will be introduced with a provocation where children will experience a hands-on and multisensory approach to engage visual, auditory, kinesthetic and tactile learners. Through this fun and stimulating environment children will learn to decode words using sounds, CVC blends and digraphs.
- **100 Languages of Children:** Provides music and movement experiences that are compatible with the rhythms of children at different ages. This course supports holistic and comprehensive learning and development with activities that include singing; rhyming; chanting; tones, pitches, and scales; storytelling; listening to and playing various musical instruments; dancing; gestures; facial expressions; emotions; graphic illustrations; musical notation; A complete Vocab list will be provided to parents.



BUILDERS

Builders are our middle tier group (6 yrs-8 yrs) and this level includes Grade 1 and Grade 2. Our four weeks camp will get them prepared for the next academic year with our transitional projects.

- **Scratch Jr. - Coding for the young ones:** As young children code with Scratch Jr. they learn how to create and express themselves with the computer, not just to interact with it. In the process, children learn to solve problems and design projects, and they develop sequencing skills that are foundational for later academic success. They also use math and language in a meaningful and motivating context, supporting the development of early-childhood numeracy and literacy. With Scratch Jr, children aren't just learning to code, they are coding to learn.
- **Taste for Engineering:** Engineering involves creating new technologies to solve real-world problems using math and science. Engineering is hands-on. So, children can “live” the math and science concepts and see their relevance in real-world applications. It fosters problem-solving skills.
 - Electrical and Electronics Engineering - Make Circuits
 - Adventures of Captain Energy Pants - Get Energized!
 - Civil Engineering - Embark on a building mission!
 - Aerospace Engineering - Blast off into the engineering land of air and space!
- **The Ice Cream Shop Project:** It's summer and nothing beats summer heat better than ice-cream. In that spirit, students will be engaged in the real-world challenge of opening up an ice cream shop requiring students to use inquiry, critical thinking, and their creative minds during the cross-curricular activities including literacy and numeracy. In that process students will be able to create their own menu, make their favorite flavor and

much more as they launch their ice-cream shop for friends and family at Leo's Workshop.

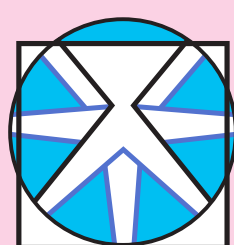
- **Amusement Park for Birds:** This project is largely STEM oriented where students will use Science to see how force works as they build their model amusement park and recognize the simple physical properties of a variety of everyday materials. Students will come up with creative ideas for birds' entertainment and along the way recognize that when things speed up, slow down, or change direction, there is a cause. The amusement park layout will be planned and mapped by the students whereby map-making skills will also be integrated in this exciting project.
- **21st Century Skills Class**
 1. Critical thinking- Logic Exercises
 2. Technology Literacy- Intermediate proficiency in Word and PowerPoint
 3. Information Literacy- Independent Research for knowledge grounded in facts
 4. Communication- Group discussions, Presentation Skills and Debate
- **Drumming mania:** A one month course broken up into two fortnight sessions focusing on providing the prerequisite skills to start playing the drums! It will give your child the opportunity to inspire and motivate students to take musical challenges head on and students will be facilitated in performing personal musical inquiries.
- **Singing mania:** A one month course focusing on providing the necessary skills to sing your favourite song like a professional! It will cover learning all parts of your favourite song along with mentorship sessions 4 days a week to improve singing. Each week will be focusing on a specific vocal skill and its application to your favourite song!



THINKERS

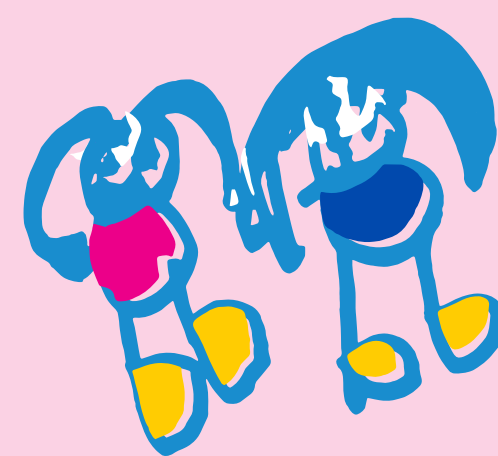
This level includes grades 3, 4 and 5 and it is called the 'THINKERS'. Our aim is to scaffold the child's mind in such a way that they have a natural thirst for acquiring knowledge and more importantly an ability to apply knowledge.

- **Taste for Engineering:** Engineering involves creating new technologies to solve real-world problems using math and science. Engineering is hands-on. So, children can "live" the math and science concepts and see their relevance in real-world applications. It fosters problem-solving skills.
 - Electrical and Electronics Engineering - Make Circuits
 - Adventures of Captain Energy Pants - Get Energized!
 - Civil Engineering - Embark on a building mission!
 - Aerospace Engineering - Blast off into the engineering land of air and space!
- **Scratch Camp** - Code-e-Thon: In this 4-week course, students will cover how to use a block-based visual programming language. They will learn to create games, animations, and sounds. Some games include: Pong Game, Maze and much more.
- **Inventing with Arduino:** In this 4-week course, we will get to know the Arduino environment, microcontrollers and input and output sensors. This is a hands-on class where we will use a multiplicity of sensors, inputs, motors, and other outputs, and learn to control them. Through this process we will expand our understanding of what is possible, discuss our own ideas and then we'll build out our own projects.
- **YOUNG ENTREPRENEURS:** Elementary school students are natural entrepreneurs. As children are encouraged to create and plan a business, they develop key mathematical skills involving operations, grouping, and decimals, as well as competence in areas of technology, communication, and collaboration.
- **JUST THINK! Who, what, when, where, how, why:** We must empower our children to become creative thinkers, critical thinkers and problem solvers. Enhance your child's critical and creative thinking abilities through a plethora of fun and imaginative activities that motivate children as they practice thinking in multiple ways about a variety of curriculum and theme based topics.
- **"I AM A PUBLISHED AUTHOR":** Your children have incredible stories to tell, unlock their creativity by writing a book they'll be happy to share with friends and family. This four weeks project will spark your child's imagination and teach them the writing process from start to finish. It promotes student collaboration, builds self-esteem and is an easy way to incorporate educational standards.
- **Drumming mania:** A one month course focusing on providing the necessary skills to play one of your favourite songs like a professional! It will cover all drumming parts of your favourite song along with mentorship sessions 4 days a week to improve your playing. Each week will be focusing on a specific drumming skill and its application in your favourite song!



**Leo's
Workshop**

A Future School by TNS Beaconhouse



www.leosworkshop.net