MORNING SESSION – LANGUAGE IMMERSION

YOUNG EXPLORERS (Ages 4 – 6 years)

**English as a Second Language (ESL)**
Be motivated and encouraged to speak and interact in English. There will be a wide range of fun activities including games, puzzles, quizzes and songs designed to stretch, enhance and increase our Young Explorers’ English vocabulary. This will include phonic activities to foster stronger reading abilities.

**Creative Language**
Suitable for Young Explorers of all language backgrounds, Creative Language will focus on alphabet recognition, sounds and early reading and writing. Experience fun with computer games, themes, stories and crafts that will help develop these literacy skills.

**Introduction to Mandarin**
Be introduced to the fascinating language of Mandarin in a learning environment that will help Young Explorers experience the basics of written and spoken Mandarin through interactive learning to build confidence in vocabulary, word recognition and comprehension.

BRAVE PATHFINDERS (Ages 7 – 10 years)

**ESL**
Brave Pathfinders will focus on both the main skills of English language development as well as their individual language needs – enhancing their specific communications skills through vocabulary building, reading comprehension, written expression and English speaking ability.

**Creative Language**
Suitable for Brave Pathfinders that are either native English speakers or able to use English fluently (as appropriate for their age), Creative Language will foster creative expression by introducing various genres of writing through interactive play.

**Introduction to Mandarin**
Be introduced to the fascinating language of Mandarin in a learning environment that will help Brave Pathfinders experience the basics of written and spoken Mandarin through interactive learning to build confidence in vocabulary, word recognition and comprehension.
BOLD ADVENTURERS (Ages 11 – 13 years)

ESL
Bold Adventurers will focus on both the main skills of English language development as well as their individual language needs – enhancing their specific communications skills through vocabulary building, reading comprehension, written expression and English speaking ability.

Creative Writing
Bold Adventurers will learn how to write about their adventures – it’s all about the essentials of great story telling. The course will introduce what is meant by a plot, about characterization, about dialogue and chronology. Brave Explorers will read short stories; discuss why some excite and others don’t; and explore the qualities of writing techniques.

— Highlights
The outtake will be self-discovery for Bold Adventurers – with greater confidence in reading and writing of short narratives, they will build towards a portfolio of completed works, drafts and a compilation of vivid phrases and paragraphs for use in their future adventures.

COURAGEOUS LIONS (Ages 14 - 18 years)

ESL
Teenage Courageous Lions can take advantage of this newly developed approach to better grasping English skills – it’s concentrated, fast-pace and highly motivating. You will work in small groups and focus on understanding the context that others present and getting your point across in both written and verbal ways. These are essential skills that will advance you, as well as increase your enjoyment of both read and writing.

Creative Writing
Courageous Lions will develop interesting new ways to express themselves through storytelling. The course will help broaden skills and appreciation in developing plots, building characterisation, using dialogue and chronology. Courageous Lions will read short stories; discuss why some excite and others don’t; and explore the qualities of writing techniques.

— Highlights
The outtake will be self-discovery for Courageous Lions – with greater confidence in reading and writing of short narratives, they will build towards a portfolio of completed works, drafts and a compilation of vivid phrases and paragraphs for use in their future adventures.
WEEK 1 & WEEK 3: UNLIMITED DISCOVERY

There will be no limits to the imagination with the opportunity to gain new talents across a wide range of discoveries – from weird science to movie making; artistic expression to culinary delights. There will be two challenging activities every day with increasing levels of difficulty appropriate to the age grouping.

WEEK 2 & WEEK 4: SELF DISCOVERY

You will be able to choose between discovering the world of inventiveness through science and technology or to express your imagination through the creativity of arts and crafts.

SCIENCE & TECHNOLOGY

Weird Science
Test theories and ideas through experimentation. Ask what makes a volcano explode or how plants get food from light – test your theories, no matter how messy and come to your conclusions.

Time Travel with Dr. Who
Travel in time to visit the great and famous scientists from caveman to future science. Experience first hand about history and science discovery through experimentation based upon Newton, Archimedes and many others.

What’s on the slab?
Have you ever wondered what it would be like to reanimate the undead, to enslave your own monstrous creation? Experience being Dr. Frankenstein’s assistant, learn about invention, the human body, chemistry, electrical circuits and forensic science – reincarnation can be yours!

Dr Evil
Being evil is not easy. You have ambitions of world domination? If this is something that you’d like to sink your teeth into, then join Dr. Evil in his insidious plots – be inventive and creative and help him create world domination and diabolical inventions and keep them secret in his volcano island hideaway.

Mission Impossible
Are you intrigued by the life of a secret agent stooped in the world of espionage, and international crime mysteries? Crack codes, figure out puzzles and clues, develop a familiarity with forensics to foil evil diabolical masterplan to take over Singapore – hands-on experiments and demonstrations will enthral you; while critical and deductive thinking will engage you.

3D Printing
Experience state-of-the-art technology while you explore the world of 3D printing. Bring to fruition your own crazy ideas and imagination through fundamental design skills. Prepare 3D ready designs, learn how 3D printers and software work. With a deeper understanding of the world of design and construction you will first-hand discover what it is like to be an architect or an engineer.

AFTERNOON SESSION – DISCOVERY ADVENTURES
**Code Monkeys**

Learn the basics of coding using Scratch programming. Create your own games and animations. Start with the basics and quickly develop your familiarity with code complexity. Play Minecraft and learn not only the rudimentary of coding and how to make different worlds, mods and skins but also how things are made and what they comprise of.

**Lego Mindstorm Robotics**

Explore construction and programming with the incredible world of Lego robotics – you will build a variety of models and at each level establish themes geared towards galvanizing both imagination and ingenuity. Learn about sequential programming to create movement and sounds; and by using computers you will be able to develop and alter your prototypes.

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**CREATIVE ARTS**

**Blockbuster Movie**

Whether you aspire to produce award-winning television commercials, breaking news stories, thrilling movie trailers or intricate stop-motion animations – all young filmmakers will find something exciting and new here. Learn innovative camera trick shots, edit videos, create scripts and choreograph scenes. Be able to handle film equipment such as cameras and green screen and understand the different roles in movie making.

**The Art of Clay**

Express yourself while experimenting with different types of clay. You will learn about colour mixing techniques and form different shapes using specialised hand tools. You will be able to make key rings, magnets and decorations.

**Artisan Club**

From cavemen to renaissance, from impressionism to modern art, man has always been instilled with an urge to create. It’s a powerful and unstoppable force. This is your opportunity to harness your own creative power and create masterpieces of your own imaginative vision. The possibilities are endless. Explore various art forms and mediums including print-making, tie-dye, canvas-acrylic painting and much, much more.

**Chef Extraordinaire**

Experience the culinary fun of being a chef extraordinaire. It all starts with the basics of cooking; how to plan a menu; to prepare the yummy ingredients; to cook and finally to plate your own dishes. You will discover both sweet and savory goodies along the way – share with your friends and family or eat them all by yourself!

**3D World**

Bring to fruition your own crazy ideas while exploring the world of 3D printing. Learn how to prepare 3D ready designs and how 3D printers work, so that you can engage your vivid imagination and infuse it with the power of structural design. You will discover first-hand what it is like to be a designer, architect or engineer.
AFTERNOON SESSION – DISCOVERY ADVENTURES

WEEK 1 – WEEK 4: ACTIVE ADVENTURE

YOUNG EXPLORERS (age 4 - 6 years)
Experience active adventure that bring energetic fun to developing physical abilities, mastering rolling and jumping while participating in games. Young Explorers will gain hand eye coordination, foot eye coordination and cross movement coordination for better balance, agility and sports performance.

BRAVE PATHFINDERS (age 7 - 10 years)
Brave Pathfinders can experience active adventure that will bring improved locomotive skills, fitness, body control and spatial awareness. Some may opt to engage in individual pursuits, such as gymnastics or athletics; while other may prefer more cooperative play such as ball games and adventure challenges. There is something for everyone.

WEEK 1 – WEEK 4: ADVENTURE SPORTS

BOLD ADVENTURERS (age 11 - 13 years) and COURAGEOUS LIONS (age 14 – 18 years)
Putting adventure back into adventure sports, Bold Adventurers and Courageous Lions will find an incredible array of activities including rock climbing, archery, roller-blading and various adventure course tracks all of which will be led and guided by specialists in this field. Variety is the key here and no two days will be the same! Course cost includes full insurance and transportation to all off-site activities. Staff supervision is arranged with the group at all times.

FULL-DAY SESSION — FOR COURAGEOUS LIONS ONLY (14 – 18 YEARS OLD)

INTENSIVE ENGLISH LANGUAGE
For those that would like to get serious about improving their English language during this break, the ISS Summer School has developed an all new programme to help. It will be a four week intensive course to equip you with a strong foundation, enabling you to flourish in your reading, listening and speaking abilities in English. The lessons are geared towards building confidence in grammar, vocabulary, writing and speaking in a friendly group environment that will encompass conversational role play (talking to each other) and tasked-based assignments (having fun with English). If you feel that your English skills could be sharpened, this is definitely the ISS Summer School discovery for you.