



School Discovery 2017 - Week 1 & 2

Course Descriptions

COURAGEOUS ADVENTURERS (ages 11-13 years)

LANGUAGE DISCOVERY

English as a Second Language (ESL)

In the Courageous Adventurers course, we will focus on developing our main skills of English development, as well as enhancing specific and individual communications skills. Join our Courageous Adventurers to advance to a new level of English ability as we strengthen vocabulary, develop reading comprehension, experiment with written expression, and confidently talk with our friends in English!

Creative Language

Courageous Adventurers will learn how to write about our fantastic adventures - real or imagined! We'll explore what is meant by a plot, and how to utilise characterisation, dialogue, and chronology. Courageous Adventurers will read short stories; discuss why some stories are exciting and others aren't; and explore the qualities of writing techniques. By the end of our journey together, we will have: greater confidence in reading and writing short narratives; built towards a portfolio of completed works and drafts; and compiled vivid phrases and paragraphs for use in our future adventures. Join our Creative Adventurers as we discover the essentials of great story-telling!

ARTS DISCOVERY

Just Play! Senior

Are you ready to rock and roll?! Whether you're a budding rock star or simply curious to put your fingers on some instruments for the first time, this course will enable you to just start playing. As we get comfortable with instruments, we'll explore exercises to develop playing skills as part of a group. Join our Courageous Adventurers for a fun jam session of rock, pop, jazz, and more!

Discover Drama: Dramatic Flair

If you have a flair for drama and an interest in being centre stage, the Discover Drama course is for you! Explore how the plot, action, and character development can be balanced to craft an engaging tale; courageously develop confidence and speaking skills in front of an audience; and experiment with the techniques that create a magical theatrical performance. Join our Courageous Adventurers to discover your dramatic flair!

Sonic Pi

Are you ready for an adventure into the future of music? In this exciting and unique course, our Courageous Adventurers will learn to write code to creatively compose music in an incredible range of styles. Sonic Pi is a new kind of musical instrument which enables us to convert a line of code to create musical notes. We can add effects and use parameters to change the way notes sound, play two tunes at the same time, use randomisation within a composition, and more! What kind of music will you create? Join our Courageous Adventurers as we embark on an interesting and unique adventure of combining coding and music!

STEM DISCOVERY

Game Design

If you enjoy playing computer games - why not learn how to make your own? Explore how interactive stories, games, and animations are designed and coded in Scratch. Challenge your friends to clear a game that you have crafted and coded! Join our Courageous Adventurers as we think creatively, reason systematically, and work collaboratively to design amazing games!

mBot Robotics

Don't miss out on this chance to build your own robot - and learn how to programme it! This exciting, hands-on experience combines graphical programming, electronics, and robotics. Assemble your robot car, and then code it to race against your friends! Clear mazes and obstacles, battle against teams, and race to complete missions & quests. Complete the course - and take your robot home to challenge friends again! Join our Courageous Adventurers to start building robots!

* This course requires an additional S\$150 purchase of a robot kit. The robot can be taken home at the conclusion of the course.

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DISCOVERY ADVENTURES

Adventure Sports

Are you ready to embark on your next big adventure? Courageous Adventurers will find an incredible array of activities including rock climbing, archery, water fun, martial arts, and various adventure course tracks - all of which will be led and guided by specialists in this field. Variety is the key here and each day offers a new adventure!

* Course cost includes full insurance and transportation to all off-site activities. Staff supervision is arranged with the group at all times.



School Discovery 2017 - Week 3 & 4

Course Descriptions

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ARTS DISCOVERY

Just Play! Senior

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Art Explorers Senior

Are you an aspiring photographer, artist, or sculptor? Explore techniques for capturing and editing photos of your adventures; develop beautiful, deep blue prints using natural materials and an ancient contact-photograph process; create collaborative art using materials found in nature; craft 3D sculptures; experiment with various types of drawing and materials; and enjoy opportunities to choose your own artistic adventure! Join our Courageous Adventurers on an inspirational journey of creativity!

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Discover Drama: "No More Mr. Nice Guy"

If you have a flair for drama and an interest in being centre stage, the Discover Drama course is for you! In this course we'll create a theatrical play from start to finish. Our main character, "Mr. Nice Guy", lives in a town where it is illegal to be kind to one another. Mr. Nice Guy risks everything to go against the crowd, attempting to show people how being kind and supportive is the right thing to do. Explore how to structure a play, how to write scripts, and methods to deliver a dramatic performance. Join our Courageous Adventurers to unleash your dramatic flair!

STEM DISCOVERY

Shooting Carnival

This is your chance to learn how to build your very own laser game! We'll explore how infrared lasers function, how the circuit assembly and controls work, and then we'll build and test the transmitter and receiver sensors! Finish out the week by challenging your friends to a shooting competition. Join our Courageous Adventurers as we design carnival-worthy laser games!

Mini Drone

Calling all courageous pilots! In this thrilling course, we'll discover how to programme and pilot our drones. Team up with friends to clear quests and obstacles, and race against opponents to complete a mission. Complete the course - and take home your programmable mini-drone to challenge friends again! Join our Courageous Adventurers to find out if you have what it takes to pilot your drone to victory!

* This course requires an additional S\$150 purchase of a mini drone kit. This device can be taken home at the conclusion of the course.

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