



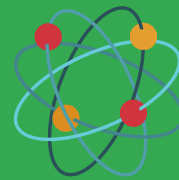
CEDAR SUMMER SCHOLAR PROGRAMME

STEM: Science, Technology, Engineering, Mathematics

Science and mathematics not only provide us with useful tools to understand and explain why and how things work, but also play an important role in training logical thinking, analytical and problem solving skills. A strong foundation in science and mathematics is critical for long term success in STEM-related fields.

Through these courses, students will learn to ask questions, develop hypothesis, experiment and analyse data, challenge observations. Students will have the opportunity to dive into topics that are usually beyond the standard school curriculum, gain a greater understanding of the underlying concepts, and build a much stronger foundation to enrich their studies as they return to school. For all classes at Cedar, character development is an integral part of the learning experience.

STEM



OVERVIEW

LANGUAGE / FORMAT English / Small Group

DAYS	PROGRAMME NAME	FREQUENCY / TIME
JUL 10-16	I Want to be a Scientist! - Part I Find out what scientists do and the basic concepts! Chemist Atoms, elements, molecules, compound, what are chemical reactions Biologist Cells, genes, bacteria and virus, using the microscope Physicist Newton's Laws of Motion, types of energy	
AUG 5-9	Skills of Problem Solving Learn various problem-solving strategies such as identifying patterns, drawing diagrams, guess and check, elimination, probability, modeling and simulation, formula and equations. Learn to work independently and work with one another to solve problems, strengthen reasoning and logical thinking skills.	Every Weekday
AUG 12-16	I Want to be a Scientist! - Part II Find out what scientists do and the basic concepts! Geologist Types of rocks, soil erosion, earthquakes, volcanoes Meteorologist Climates, typhoons, hurricanes, tornadoes, weather forecast Botanist Photosynthesis, parts of a plant, importance of plants in ecosystem	For Primary 1-3: 9:30 AM - 10:30 AM For Primary 4 -6: 11:00 AM - 12:15 PM
AUG 19-23	Mathematical Mysteries: The Beauty and Magic of Numbers From counting to number sequence, from numbers to power to magic, join us to find out more about the early Greek achievements and their various discoveries. The tools you will learn will help improve your mathematical mental skills significantly!	

Receive a
Certificate of
Completion from Cedar
Academy upon
successful completion
of ALL FOUR STEM
courses!

CEDAR SUMMER SCHOLAR PROGRAMME

PROGRAMME NAME	Cedar Summer Scholar: I Want to be a Scientist! - Part I			
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RECOMMENDED AGE / GRADE	DATES	TIME	COURSE CODE	PROGRAMME FEE (PER SESSION)
5 - 8 / Primary 1 - 3	10-12, 15-16 Jul 2019 (Wed-Fri, Mon-Tue)	9:30 AM - 10:30 AM	CASS1903313A	\$400
9 - 11 / Primary 4 - 6	10-12, 15-16 Jul 2019 (Wed-Fri, Mon-Tue)	11:00 AM - 12:15 PM	CASS1903346A	\$500

PROGRAMME NAME	Cedar Summer Scholar: Skills of Problem Solving			
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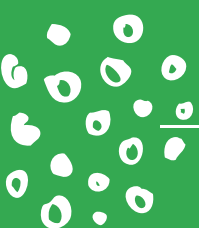
RECOMMENDED AGE / GRADE	DATES	TIME	COURSE CODE	PROGRAMME FEE (PER SESSION)
5 - 8 / Primary 1 - 3	5 - 9 Aug 2019 (Mon - Fri)	9:30 AM - 10:30 AM	CASS1903313B	\$400
9 - 11 / Primary 4 - 6	5 - 9 Aug 2019 (Mon - Fri)	11:00 AM - 12:15 PM	CASS1903346B	\$500

PROGRAMME NAME	Cedar Summer Scholar: I Want to be a Scientist! - Part II			
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RECOMMENDED AGE / GRADE	DATES	TIME	COURSE CODE	PROGRAMME FEE (PER SESSION)
5 - 8 / Primary 1 - 3	12 - 16 Aug 2019 (Mon - Fri)	9:30 AM - 10:30 AM	CASS1903313C	\$400
9 - 11 / Primary 4 - 6	12 - 16 Aug 2019 (Mon - Fri)	11:00 AM - 12:15 PM	CASS1903346C	\$500

PROGRAMME NAME	Cedar Summer Scholar: Mathematical Mysteries: The Beauty and Magic of Numbers			
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RECOMMENDED AGE / GRADE	DATES	TIME	COURSE CODE	PROGRAMME FEE (PER SESSION)
5 - 8 / Primary 1 - 3	19 - 23 Aug 2019 (Mon - Fri)	9:30 AM - 10:30 AM	CASS1903313D	\$400
9 - 11 / Primary 4 - 6	19 - 23 Aug 2019 (Mon - Fri)	11:00 AM - 12:15 PM	CASS1903346D	\$500



Programme fee includes all course materials. Parent(s) attendance not required.