



Spark your curiosity!
Spark your interest in STEM!
Spark your passion!

Join us for Kilbreda College's **Girls in STEM** Holiday Program.

Open to all girls in Grades 4, 5 and 6.

Friday 18 July from 9.00am - 3.30pm.

There are ten workshops - choose three!

Kilbreda College

A Kildare Education Ministries School in the Brigidine Tradition





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How to Book

Enrol via events.humanitix.com/spark-holiday-program-2025 to secure your daughter's place.
(\$65 per student) Students are to choose three workshops across the three sessions.



What To Bring

- Lunch, a snack (nut free) and a water bottle
- Please wear appropriate clothing and footwear for playing outside in the cold weather during break times



Medical Information

If your child has a medical condition, please ensure that their medication has been provided, is clearly labelled with your child's name and is in the original packaging. Action plans are to be submitted on arrival at the College.

A risk minimisation plan is required for all children with anaphylaxis, asthma, diabetes or any other medical condition.



Photographic Promotion on Social Media

Following the event, we will promote the 2025 Spark Workshops on the College's social media pages. If you do not want your child photographed for this purpose, please indicate when registering your child.



Important Information

Arrival and registration is from 8.30am in order to commence the program at 9.00am.

Entry is via Gate 4, Como Parade West, Mentone.

The program will finish at 3.30pm, and all children must be collected by this time.

Choose **three** from the following workshops



The Amazing Race

This workshop will take you to places you have only dreamed of visiting. You will be taken on a race around the world as you solve problems and puzzles from some of the world's most incredible attractions. Prepare to be amazed as you discover the answers to some of the world's greatest mysteries!

Art with Heart

Do you like to get creative? This workshop will test your creative prowess as you design and complete a piece of art with heart. Using your sense of colour you will create an intricate artwork that will capture your imagination. Will your design catch the eye of art critics?



Colourful Chemistry: Exploring Inks and Liquids with Science

In this workshop, you'll become a detective and use science to solve mysteries. You'll learn how to separate colourful inks using paper chromatography, just like a real forensic scientist! Discover what makes each ink unique and find clues to solve a fun mystery. You'll also explore the density of different liquids by creating your own rainbow density column. Get your lab coat and safety goggles on and join us for a hands-on, exciting science adventure!

Dash Bots

Dash is a cute and friendly robot who was created to drive around the room looking for robot friends. He can talk, flash his lights and generally look as cute as a little blue robot can... but what if we could take the five functions of Dash and use them in ways they were never designed? This robotics workshop will explore what Dash is designed to do... but just because something is built for a certain track, it doesn't mean we can't twist it with a little hack!



Lift off!

Fly me to the moon! Would you like to make your own air and water powered bottle rocket, and then launch it as high and as far as you can? As part of this workshop you will be given the task of constructing a bottle rocket with a weighted nose cone, fins and an attractive design. Can you make it spin? How high will your rocket go?

Loving LEGO

Be challenged in your creativity through designing and building a project of choice. There will, however, be some extra challenges just to make you think a little harder. You will only have 90 minutes to complete your creation. This will require a great deal of skill, problem solving and thorough planning, all while playing with much loved LEGO!



Magnify Your World: Journey into the Secret Life of Plants and Microorganisms

Get ready to shrink down to the size of a bug in this awesome workshop! Have you ever wondered what the world looks like to tiny creatures? Using a microscope, you'll explore everyday objects and discover their hidden details, magnified hundreds of times! We'll go on a scavenger hunt around Kilbreda, collecting fascinating living things to examine up close. Put on your lab coat and join us on this exciting adventure into the world of biology!

Math-athalon

Are you a Mathlete? Join in this Math-athalon and have a blast with numbers and sports! This workshop will flex your brain and your muscles! Dive into exciting activities that combine the thrill of sports with the magic of maths. From scoring points to measuring distances, every game is a chance to learn and have fun. Play basketball, soccer and more while solving fun maths challenges. Don't miss out on this action-packed adventure where maths meets sports. Time to get in shape!



Roll-e-good Roller Coasters

Have you ever ridden a roller coaster? Have you ever wanted to design your own? In this workshop you will be challenged to create a roller coaster using simple items. However, getting your 'rider' (marble) to the end is only half the fun. How can you savour the fun and make the roller coaster ride last as long as possible?

Yarning Bracelet

Yarning a bracelet is a way to celebrate friendship, to share news - either good or bad - or perhaps to ease troubles. In taking the time to sit and concentrate on the act of twisting and knotting, we can share our thoughts with others, or perhaps take a turn to listen or contemplate. The aim is to calm ourselves, our minds and thoughts, through the repetition of a few simple physical acts.

