



*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 8 July from 9.00am - 3.30pm.  
Ten workshops (overleaf) to choose from!

**Kilbreda College**

A Kildare Education Ministries School in the Brigidine Tradition



## 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.

**Facilitator: Jane Ward**

## Fabulous Fashionista

Do you have a flair for creativity? If so then this workshop is for you. Harness your inner fashionista and utilise either your technology or art skills to create a fabulous design which you will be able to turn into a textiles product to take home with you as a reminder of your day.

**Facilitator: Caaren Hulme**

## Fun with Chemical Reactions

Come and be a real scientist! Have heaps of fun learning about different chemical reactions while we get hands-on making exploding volcanoes, elephant's toothpaste and gooey slime!

**Facilitator: Allison Wilding**

## Kitchen Chemistry

A fun and creative workshop that allows participants to explore a variety of textures and flavours as they work with everyday ingredients to create scientific culinary masterpieces.

### IMPORTANT

Please indicate any Food Allergies on your registration.

**Facilitator: Alana Wright**

## 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 attractive design. Can you make it spin? How high will your rocket go?

**Facilitator: Simon Gurowski**

## Masterchef Marketing

Have you ever wanted to be an inventor? This workshop will provide you with the skills and opportunity to test your creative ideas and develop a working kitchen invention worthy of Masterchef. Draw your design, build your prototype and pitch your product. Will your gadget be featured in the Masterchef kitchen?

**Facilitator: Lisa Domicich**

## Perfecting Paper Projectiles

Calling all aeronautical enthusiasts... Everyone's got their favourite paper plane design... but do you know why they work or how they can be improved? Whether your specialty is the Graceful Glider, the Distance Dart, or the Stunt Special, understanding the basics of aeronautics can improve your design skills and build your reputation as a competitor to be reckoned with.

**Facilitator: Victoria Smith**

## Potato Olympics

If you are a little bit sporty, a little bit arty and like a bit of active Maths, come and have a go at competing in the Potato Olympics. Come along and create your very own Potato Olympian. Choose a spud, select a name, check out the vital statistics and enter them into long jump, cycling or high jump events to see who can go faster, stronger and higher. Who will the winner of the Potato Olympics be?

**Facilitator: Jennifer Trodden**

## S.M.A.R.T.I.E Pants

Are you smart enough to outwit the complexity of the escape room? Be challenged with puzzles that will stretch your brain to the extreme. Can you crack codes and solve the riddles? You will need to work well with others in order to unlock the room and escape to freedom.

**Facilitator: Liam Mackay**

## When Robots Mutate...

Imagine a world where the robots that we use in school mutated... What would happen if the playful and comic Dash robot was infected with a Lego Wedo virus? Or if your friendly Wedo science creation decided to morph with a Cubelet? In this session we will have access to various different robotic platforms and – in teams – will try and create our own mutant combinations, battling it out for ultimate mutant supremacy.

**Facilitator: Allen Dickson**



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## Important Information and Booking Details

### Fees

\$65 per student.

### How to Book

Enrol via [www.trybooking.com/BRVOX](http://www.trybooking.com/BRVOX) to secure your daughter's place.

Students are to choose three workshops to attend and provide a fourth option in case the preferred workshops are subscribed.

### What To Bring

- Lunch and snack (nut free), water bottle.
- Wear appropriate clothing and footwear for playing outside in cold weather.

### Medical Information

If your child has a medical condition, they cannot attend unless medication has been provided, is clearly labelled with your child's name and 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.

### 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.

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