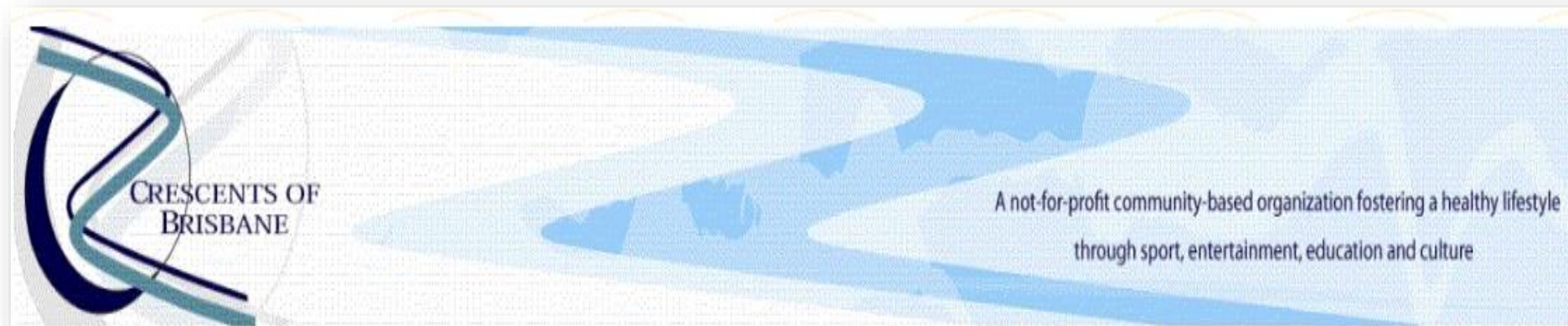


[HTTP://WWW.CRESCENTSOFBRISBANE.ORG/CODERDOJO/HOME.HTM](http://www.crescentsofbrisbane.org/coderdojo/home.htm)

PARTICIPANTS & PARENTS

INFORMATION GUIDE



THE CASE FOR CODING

- ▶ Along with innovation, coding is one of the big buzzwords of the moment.
- ▶ Coding skills would be crucial to keep pace in a fast-changing employment market that would require mental agility, flexibility and imagination.
- ▶ An understanding of programming concepts and languages is arguably one of the most versatile skills that anyone can have.
- ▶ Many of today's school children will end up working in jobs that do not yet exist.
- ▶ Scary stuff for parents to contemplate, but for kids, coding is just a lot of fun.

ABOUT OUR CODERDOJO

- ▶ At **CoderDojo Crescents of Brisbane**, we're deeply passionate about empowering the next generation of coders, app developers, game designers, engineers and innovators.
- ▶ The sessions are facilitated by experienced and enthusiastic volunteer mentors who freely give off their time and talents.
- ▶ CoderDojo is a worldwide movement of FREE, VOLUNTEER-LED, community-based programming clubs for young people.
- ▶ Crescents of Brisbane Inc. is a verified, full member of the International CoderDojo organization.



WHO CAN ATTEND

- ▶ ANYONE aged seven to seventeen can attend our Dojo where they can learn to code, build a website, create an app or a game, and explore technology in an informal, creative, and social environment.
- ▶ You DON'T have to be the brightest, or necessarily have prior computer skills
- ▶ You DON'T even need to have any ambitions to become programmers or join the IT field
- ▶ The focus is on peer-learning and interaction with each other.

The Crescents of Brisbane Coder Dojo

MISSION

- ▶ To advance the education and understanding of software coding among our young people
- ▶ To enhance creative skills
- ▶ To encourage working and share with peers
- ▶ To develop self-confidence and leadership skills
- ▶ And to achieve this in an social atmosphere that will result in
 - ▶ happy kids,
 - ▶ satisfied and appreciative parents, and
 - ▶ motivated and engaged mentors

The Crescents of Brisbane Coder Dojo

MISSION

- ▶ To foster a greater level of interest in coding among young people
- ▶ To enhance creative skills
- ▶ To encourage working and share with peers
- ▶ To develop self-confidence and leadership skills
- ▶ And to achieve this in an social atmosphere that will result in
 - ▶ Happy kids
 - ▶ Satisfied and appreciative parents, and
 - ▶ Motivated and engaged mentors

WHAT WILL THEY LEARN?

▶ Beginner participants



▶ Advanced participants



HTML & CSS



RASPBERRY PI



JAVASCRIPT



MOBILE



PYTHON

MANAGEMENT AND MENTORING

- ▶ Each session is facilitated by **Crescents of Brisbane** Team Members, many of whom have formal IT skills
- ▶ In addition to Dr. Mustafa Ally's role as coordinator of this initiative, Lead Mentors will take on the responsibility of running the session.

TYPICAL SESSION FORMAT

- ▶ PERIOD: 6 Week block
- ▶ DAYS: Saturdays
- ▶ SESSION DURATION: 2 hours

ANYBODY CAN LEARN TO CODE

<https://youtu.be/qYZF6olZtfc>

A SHORT MESSAGE FROM BILL GATES, MARK ZUCKERBERG, WILL.I.AM, NBA ALL-STAR CHRIS BOSH, GABE NEWELL OF VALVE, DREW HOUSTON OF DROPBOX, ELENA SILENOK OF CLOTHIA, AND OTHER TECH HEROES, TO INSPIRE STUDENTS TO LEARN TO CODE.

FAQs (1)

- ▶ **What experience do I need to have to attend a CoderDojo session?**
 - ▶ You simply need to be able to browse the internet.
 - ▶ The whole point is to introduce our young participants to programming and inspire them to explore on their own and with other like-minded kids.
- ▶ **What will I do at CoderDojo Crescents of Brisbane?**
 - ▶ If you have an interest in how websites, games and other computer programs work, you'll be guided in how to create your own.
 - ▶ One of the CoderDojo principles is to let the participants lead the learning rather than the sessions being like a classroom.
- ▶ **I have had a bit of a play with coding. Will this be too advanced or too basic for me?**
 - ▶ Eventually CoderDojo sessions will be led by what the participants are interested in, and are flexible enough to break out into various groups based on interests and ability..

FAQs (2)

▶ **Do I have to bring my own laptop/tablet?**

- ▶ If you have one, and are comfortable using it, please bring it along.
- ▶ There will be PCs available for others.

▶ **Do I have to register?**

- ▶ Yes, spaces are limited.
- ▶ Registrations will only be accepted for the maximum limit.

▶ **What are the costs for attending?**

- ▶ There is no cost for children to participate in the CoderDojo Crescents of Brisbane program.
- ▶ The Crescents of Brisbane team will cover the costs of materials etc. through the generosity of businesses and supporters in the future, insha'Allah

Are parents allowed to attend?

- ▶ We absolutely welcome and encourage parents with coding experience to get involved as Mentors
- ▶ There will be plenty of space for you to sit with your child to help them problem solve or just provide encouragement.
- ▶ It's really no different to attending your child's sporting games.
- ▶ Don't know anything about computers or coding, and not sure how you will be able to help your child in the CoderDojo session and at home?
 - ▶ Don't we all feel a bit left behind in this accelerating world.
 - ▶ Don't worry. Research has shown that encouragement is the best motivator for child led learning.
 - ▶ Many of our parents don't know the clicky end of a mouse but their children are excelling through pure encouragement from the parent.
 - ▶ Just be ready to be amazed by your children.

Code of Conduct and Terms & Conditions for Participants and Parents

▶ Coming soon!

General CoderDojo Rules

- ▶ CoderDojo has just one rule - “Above All: Be Cool”, bullying, lying, wasting peoples time and so on is uncool.
- ▶ This rule is for volunteers as well as Ninjas.
- ▶ Be kind, make sure you respect the opinions and contributions of others.
- ▶ Ninjas should also respect the time of volunteers who are generously giving up their time.

COMMUNICATION

- ▶ **REGISTRATION:** Eventbrite registration links for forthcoming sessions are available on request.
- ▶ **QUESTIONS & QUERIES:**
 - ▶ Mobile: 0402 026 786
 - ▶ Email: theteam@crescentsofbrisbane.org
- ▶ **CODERDOJO DETAILS:**
 - ▶ <http://www.crescentsofbrisbane.org/CoderDojo/Home.htm>
- ▶ **SOCIAL MEDIA:** Facebook Page and Twitter accounts under construction

THANK YOU
FOR YOUR INTEREST IN

We also welcome your
comments and suggestions



CoderDojo

Crescents of Brisbane