MINT GENIE

MATHEMATIK, INFORMATIK, NATURWISSENSCHAFT UND TECHNIK

An initiative of Paatashaaley

www.paatashaaley.com

Prepare for the Future with STEM Education

*Science Technology Engineering and Math

MINT Genie

MINT Genie is the technology focused initiative of Paatashaaley.

We are really passionate about technology and believe that we can harness its power when used in the right manner for the betterment of mankind.

We would like to get children interested in the various branches of Science, Electronics and Math and help them prepare for a future surrounded by Technology by being creative and curious.
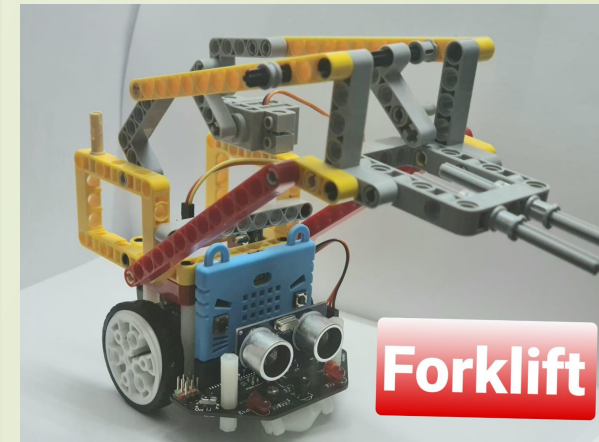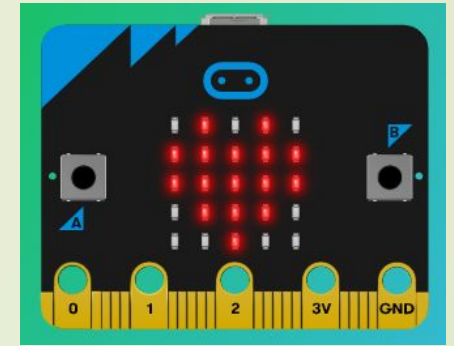
Coding for Competitions

- A logical next step after learning basic programming/robotics

- Designed for 11-15 yr old kids

- The main goal of this course is to prepare kids for robotics competitions like "First Lego League" and "World Robotics Olympiad".

- Carefully selected powerful and expandable hardware kits which are very cost effective

- State-of-the-art graphical programming tools to reduce the entry level complexity

- Streamline the learning process

- Let kids have all the Fun!!!

Workshop Highlights

- Online Do-at-home Workshop

- Learn advanced programming techniques

- Extending capabilities of Maqueen Robot using Lego Technic bricks

- Solve "First Lego League" and "World Robotics Olympiad" style challenges

- Progressive Program for 4 months @ 90mins every week

- Interactive as always

  - Face-to-face weekly sessions

  - Remotely tracked progress using google classroom

  - Assignments every week

- Competition at the end of the course - an opportunity to win Prizes!!!

Forklift

Maqueen accessorised

Topics Covered

- **For Robotics challenges generally one need to master:**
  - Precise navigation
  - Line sensing and following
  - Color detection
  - Obstacle detection and avoidance
  - Motor control
  - Optimization of time in programming
- **Whats new now:**
  - Advanced programming concepts like Arrays, Functions and Events
  - New Sensors - Wheel encoders, OLED display, Sound and Color
  - Radio communication

Requirements and Cost:

- Laptop with internet access (webcam optional - but good to have)
- Every student must have Google login credentials to join sessions and share progress
  - Parent managed child account to be created by providing correct age.
- Additional hardware to be purchased
  - Links to purchase kits will be provided
- Course Cost:
  - 130 Euros (one-time payment option) <u>after 10 Euro discount</u>
  - 35 Euros (Monthly payment option)
- Hardware Cost:
  - With Microbit, Maqueen and accessories kit -> 100 Euros (including shipping)
  - Accessories kit only 60 Euros (including shipping)

How we know this works???

Manjushah
Stuttgart
B1-Rule the Robotz Jr.
Jul-Sep 2020

Great initiative by the team... Program is wonderfully designed, teaching kids right from the basic concepts..
Initially I was bit skeptical about kids interest towards classes since it was online but the Instructor handled it great, making kids glued to the classes with excitement. The program is very well structured and organized, introducing new concepts and ideas in every class.
My son thoroughly enjoyed and will definitely miss the classes, will look forward for more such classes..
Appreciate the initiative and all the work! Kuddos to the entire team!!, :) 😊👍

Deepti
Seeheim
B1-Rule the Robotz Jr.
Jul-Sep 2020

Thank you for making learning so interesting! Rutva really enjoyed your lessons and although he had no prior knowledge of Robotics, I think he has picked up some basics and hopes to continue to learn.We are thankful to you for being a very kind and patient teacher! I want to let you know, that we were very satisfied with this course and have recommended some friends as well, so they can benefit from it, just as we did! Thank you!!!

Fasiha
Frankfurt
B1-Rule the Robotz
Jul-Sep 2020

I would also like to take this opportunity to Thank Shravan and their entire Mint Genie team for their excellent program and patience to teach our children. It is a super interesting topic for our kids and as well as for us. Indeed it is a proud moment for us parents to see them build their Robots and program them with their creative skills. You have given them a good platform to build on it. I personally thank for these classes as they have been conveniently planned on weekends. Thank you!! Keep up this good job 👌 and build the future!

Vijayanand
Karlsruhe
B1-Rule the Robotz
Jul-Sep 2020

As a parent I feel the programs conducted by Mint Genie 🤖 was wonderful and intuitive for the kids to explore their skills on programming robots understanding basics of logic building. My son was proud of himself when he saw his first self made robot was working as per his commands , he was having great fun and found tasks to be challenging- keep the good work Mint Genie Team - wish you guys great success

Questions and Feedback

Thank you

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