Atomic Kids

SUMMER TECH CAMPS

Kids Going Into Grade 2-3

Welcome to Atomic

At Atomic, all kids get started with the Fundamentals of Invention program, or the Fundamentals of Technology. These programs cover all the essential skills kids need to boost tech career opportunites in the future.

1

FUNDAMENTALS OF INVENTION

Step one in our program introduces kids to the basics of invention—Math & Science. Kids learn the basics using hands-on projects.

25 Hours	Grades 1-6	Hands-on projects

2

FUNDAMENTALS OF TECHNOLOGY

Step two introduces kids to the key invention technologies—Coding & Robotics. Kids learn the tools needed to design their inventions.

50 Hours	Grades 1-6	Coding & Robotics

1 Fundamentals of Invention

This curriculum introduces kids to making things with their hands and tinkering with materials to build amazing creations. Together with skilled instructors, your child will learn to use electrical components, craft materials, and tap into their creativity to complete fun science and engineering projects and challenges.

With a range of mechanisms and electrical components that move, light up, and make noise, kids gain STEAM skills by learning how past technologies are built. Kids also learn to combine these concepts with DIY tools and materials to invent new things of their own!

Some of the things we will make:

A fortune telling machine
Optical illusions & animations
An air-powered clam
Telescopes & periscopes
An illuminated rocket circuit
...and more!

Some of the things we will learn:

Maker tool safety
Basics of invention
Design thinking
Engineering basics
Physics concepts
Intermediate electronics
...and more!

2 Fundamentals of Technology

We will look into the technology behind a lot of the most important advances in our modern world: coding and robotics.

In this coding curriculum students will engage in logic training, learn about loops, and conditionals while making games and solving puzzles that were built with code. We won't just solve the puzzles; we will think about the code that was used to make them!

For robotics, students will configure and program their own robots. We will be following step-by-step challenges that introduce students to gears, levers, and shapes to build mechanical structures.

From hardware to software, your child will quickly learn how coding skills are used in robotics and how to incorporate these skills in their own machines and designs. Our robotic sets integrate with micro:bit microcontrollers and electronic sensors to build the world of coding and robotics together.

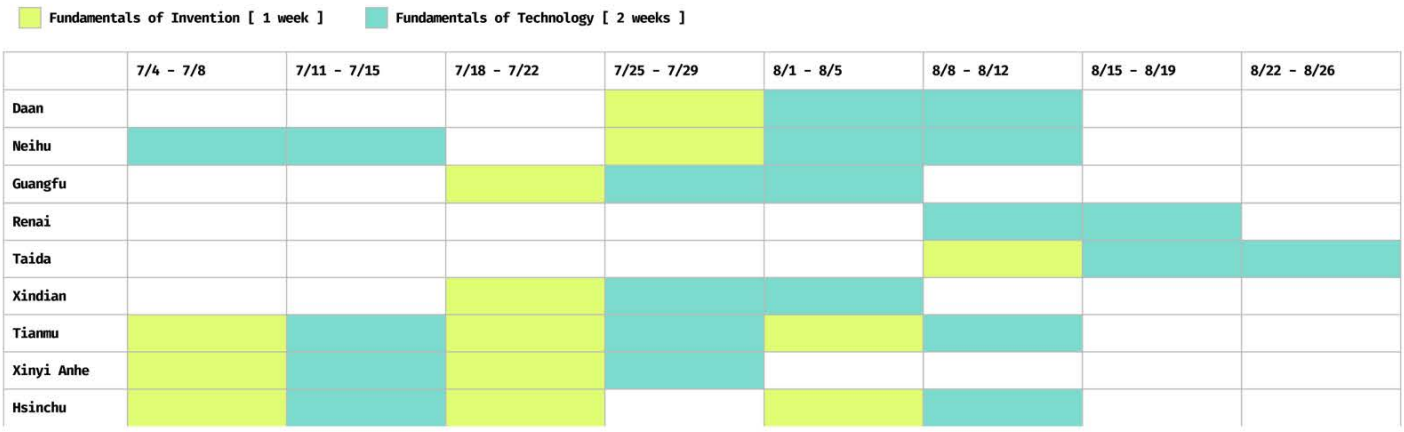
Some of the things we will make:

Automatic doors
Reading range guitar
Boats & forklifts
A tiny sky-wheel
A working seesaw
A walking robot
...and more!

Some of the things we will learn:

Technical problem solving
Designing for solutions
Pattern recognition
Loops & puzzle solutions
Sequences & algorithms
Event coding & inputs
Mechanical principles
....and more

Summer Camps Schedule 2022



	7/4 - 7/8	7/11 - 7/15	7/18 - 7/22	7/25 - 7/29	8/1 - 8/5	8/8 - 8/12	8/15 - 8/19	8/22 - 8/26
Daan								
Neihu								
Guangfu								
Renai								
Taida								
Xindian								
Tianmu								
Xinyi Anhe								
Hsinchu								

View this schedule online with registration links and location maps:

www.atomickids.io

PICK UP AND DROP OFF TIME:

Parents can drop off students anytime from 8:30-9:15. Official pick up time is 16:00.

Lunch: 12:00 - 1:00pm
Lunch can be purchased for NTD 500/week at MIT locations. Students can also bring their own lunch or have it dropped off at school.

Tuition

1 Week Atomic Camp

14,500ntd

One week of camp includes 13,000ntd camp tuition fees + 1,500ntd equipment and materials fee.

2 Full Weeks Atomic Camp

29,000ntd

Two full weeks of camp includes 26,000ntd camp tuition fees + 3,000ntd equipment and materials fee.

Choose your prefered location and register online now at:

www.atomickids.io

How to enroll:

1. Go to www.atomickids.io and fill out the registration form by first selecting your preferred location.

2. We will send you an email with the 20% deposit reservation details. Please pay within 7 days to secure your spot.

3. Join the camp and pay the remaining 80% on day 2 of camp.

Satisfaction guaranteed!

Only pay the remaining fee on day 2 if your child is happy with day 1!

Contact us:

LINE @atomickids

@atomickidstw

Register online now:

www.atomickids.io

3 Coming soon this fall....

Engineering & applied science program for kids

Step three is our advanced STEAM program for kids who have completed both the fundamentals of invention and the fundamentals of technology programs.

Special immersive STEAM themes included in this program will include:

- **Space**
- **Ocean**
- **Rainforest**

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