Exciting Robotics Club

Dates: 2/1-5/3
No Class Day: 4/19

Fee (Early/Regular)
$377/$397

Time:
3:00-4:30

Robotics Club: Minecrafting Circuits and Cities

Atlanta Academy Fridays Grades 2-4

Amazing Program for our Minecraft enthusiast!   Our hour and a half program allows students to really explore Minecraft! Maximum number of student is 10.

Register Now
Split Payment Available

Imagine That! and Future Tech

www.ImagineThatFun.com
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Robotics Club Class Details

Robotics Club Grades 2-4 Minecrafting Circuit and Cities

We will introduce Redstone in Minecraft. Redstone can be used to:
Make simple circuits, such as automatic doors and light switches.
Construct complex devices such as:

- Trap Doors
- Roller coasters
- Automatic farms

Students will learn about switches, the binary numeral system, the difference between series and parallel circuits, make upstairs/downstairs circuits and more, all while using problem solving skills and group cooperation.

On the last day, students will use their new knowledge of binary and logic gates to create their own basic but functional calculators in Minecraft!

Students will also direct their enthusiasm for playing Minecraft into learning about and practicing city planning!

We will work as a community to choose the land we develop, build homes, streets, lamps and find/create stable sources of food and income.

Students will learn about trading, civil responsibility and duties, agricultural planning and architecture while playing their favorite game with children who share the same passion.

For longer programs we will also introduce creating our own stop motion videos using minecraft figures.