

Class 1

Coming up with Ideas



SKETCH

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**Who, What, When, Where,
Why, How**

Who is it for?

- Person
 - Adult
 - Child
 - Elderly
- Company
- Robot
- Dog

What is it for?

- Tool
- Entertainment
- Teaching

When will it be used?

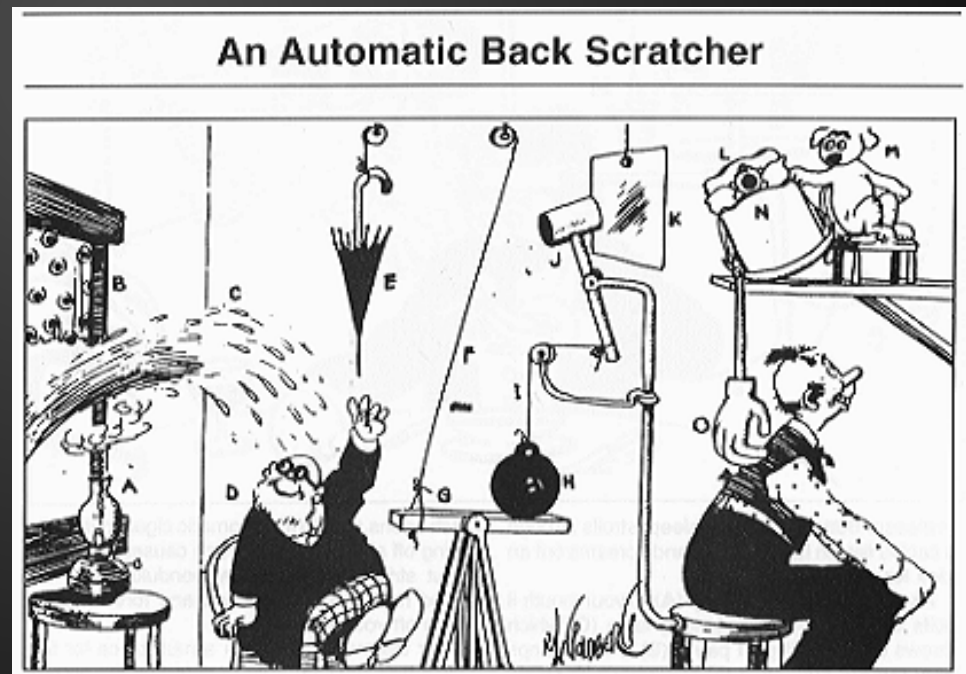
- Time
- Location
- Environment

Why does it need to exist?

- Void
- Uncomfortable
- Ugly
- Hard to use
- Obsolete

How does it work?

- Basic Instruction
- “When I press A then B does this, which makes C turn on.”



Where will it be used?

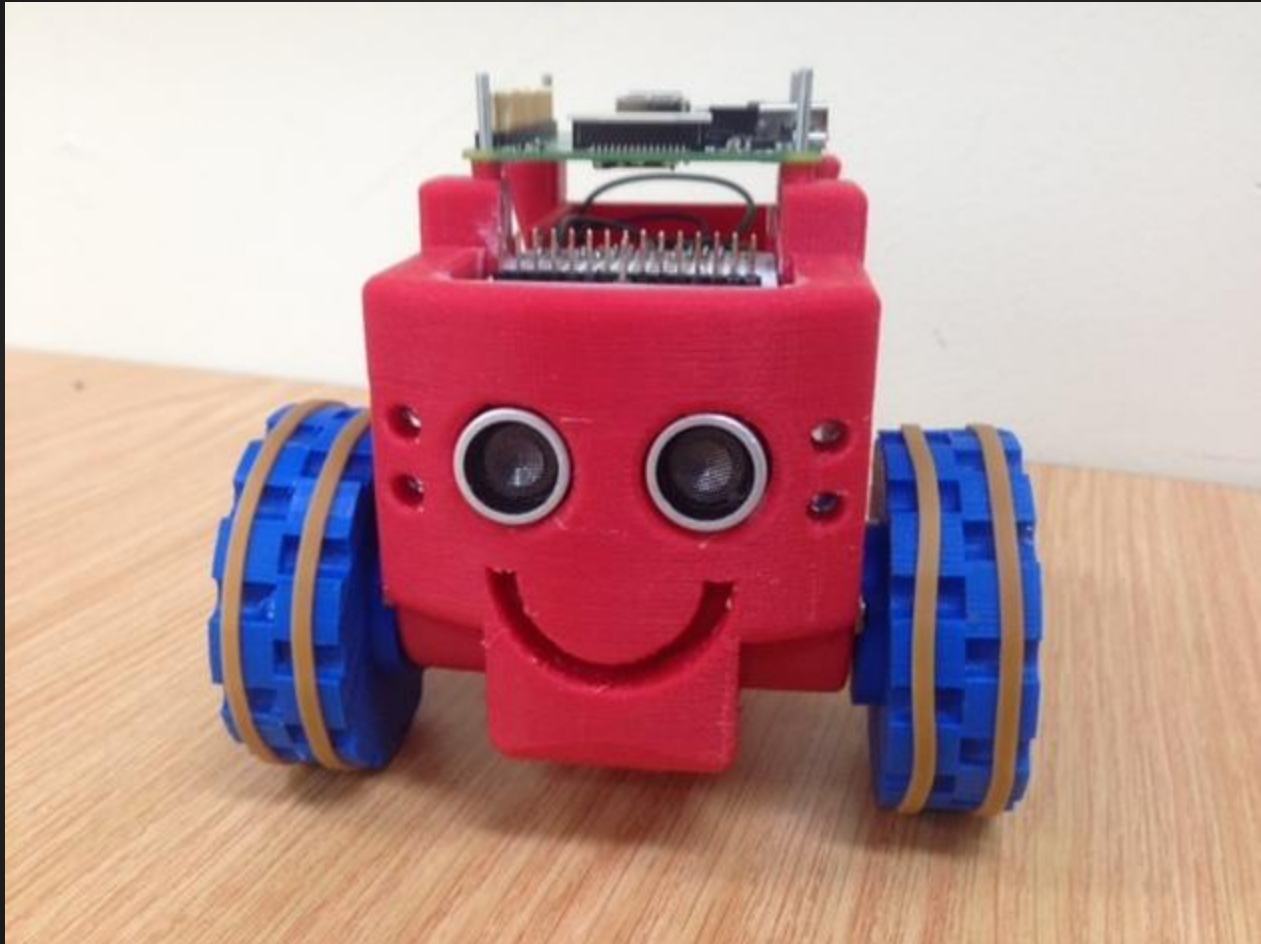
- Indoor
- Outdoor
- Home
- Office
- Factory

Materials

- Wood
- Acrylic
- Plastic
- Steel
- Aluminum
- PLA
- ABS

Assembly

- How is it put together
 - Architecture
 - Flat Wall
 - Tongue and Groove
 - Fasteners
 - Screws
 - Glue
 - Dowels
 - Rivets



**3D
Printing
Included!**





