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>>> The South East Makerspace  
>>> Waterford Tech Meetup
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Name: South East Makerspace †

Date: August 7, 2017

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†[info@southeastmakerspace.org](mailto:info@southeastmakerspace.org)

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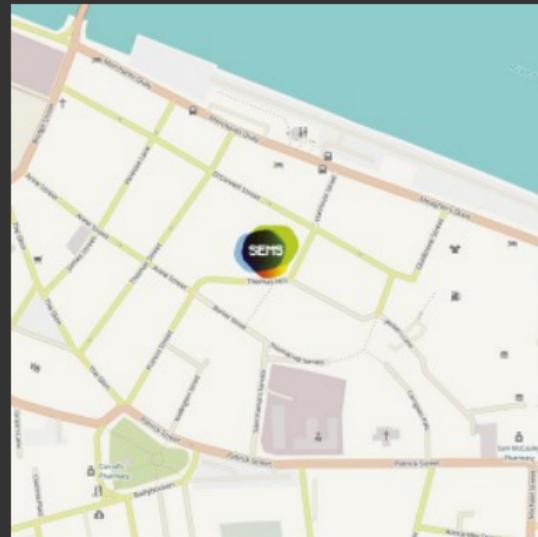
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>>> Introduction



The South East Makerspace (SEMS est. 2013) is a club, with a shared workspace where creative practitioners can meet and gather to work on individual or group projects, while sharing knowledge, ideas and equipment.

## >>> Location



Address: South East Makerspace, Old Printworks, Thomas Hill,  
Waterford City, Ireland, X91 TW63.  
([info@southeastmakerspace.org](mailto:info@southeastmakerspace.org))

## >>> History

What have we done since we started?

- space pics from when we first moved in - gaining new members and learning how to work with the community - learning how to gain funding

## >>> Workshops

Workshops which have been developed and run at SEMS: Github Link

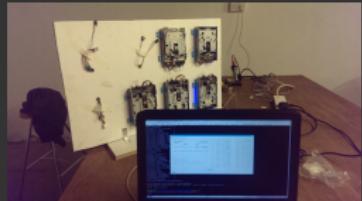
- \* Sawfest (Drawdio: using pencil and graphite to draw and complete a circuit)
- \* Piezo Microphone (Hookup a Ukulele to an amplifier)
- \* Introduction to Processing (Capture camera and display on screen etc)
- \* Introduction to Arduino (5 simple experiments using an Arduino + kit)
- \* Internet of Things (Workshop during the WIT Summercamp 2016, 2017)
- \* Buzz Wire (Created a mini buzz wire game)

## >>> Projects

Sample of the projects completed/in progress by members at SEMS

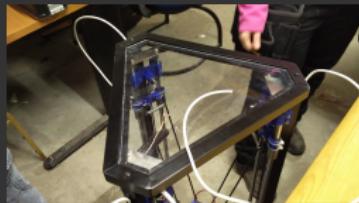
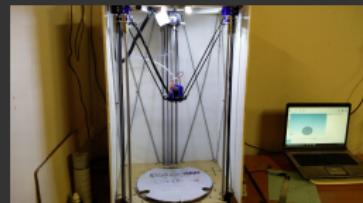
- \* Floppy Drive Midi Player
- \* 3D Printer
- \* Digistreets (Magical Mushrooms, Trash Talk)
- \* Quadcopter Drone
- \* LED Heart
- \* Billberry Goats
- \* Bartop Game Arcade
- \* Jigsaw Dinosaurs

# >>> Floppy Drive MIDI Player



**Figure:** Floppy Drive MIDI Player 2016

## >>> 3D Printer



**Figure:** Upgrading the 3D Printer 2017

>>> Digistreets



(b) Magic Mushrooms



(e) Trash Talk

**Figure:** Digistreets at the Imagine Arts Festival Waterford 2016

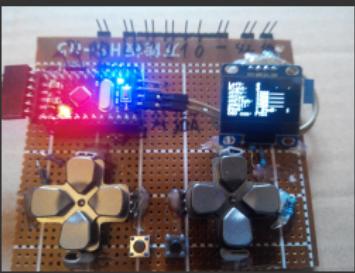
Magical Mushrooms Youtube

### >>> Bilberry Goats Exhibition



**Figure:** Bilberry Goat Art Exhibition at GOMA Gallery 2017

>>> Quadcopter Drone



**Figure:** Quadcopter Drone 2015/2016

>>> LED Heart

<https://www.youtube.com/watch?v=hR0v10vCaVQ> LED Heart

# >>> Bartop Gaming Arcade



**Figure:** Bartop Gaming Arcade 2017

### >>> Jigsaw Dinosaurs



**Figure:** Jigsaw Dinosaurs 2016/2017

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