Touch & Print

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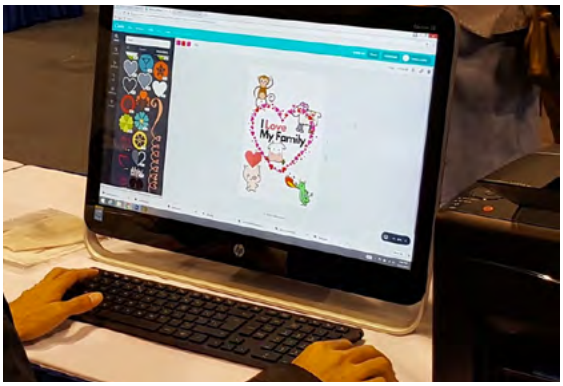
Maker Workshops Using Heat Transfer Technology

Design and make your own Drawstring bag / Tote Bag



Brief Overview

Want to personalise your own drawstring pouch / tote bag? All you need is an internet connection and a web browser! Learn how to turn your unique designs into reality and take home your own personalised drawstring pouch / tote bag.

Description

Participants will learn how to:

1. Design with the online software, Canva.
2. Print their designs onto a special heat transfer media (TTC 3.1+)
3. Transfer their printed image onto either a drawstring bag or a tote bag.

This workshop introduces participants to:

1. Designing with Canva (a web based design tool); and
2. Heat transfer printing technology.

Equipment List

- Heat Press
- Colour Laser Printer
- TTC Transfer Media

*Participants need to bring their own laptop and the place must have internet connection

Pricing and Duration

Price	$450.00
Number of Paxs	12
Duration	90 mins

* Price quoted is before GST

** An additional charge of $150 applies if the location does not have a heat press or suitable colour laser printer.

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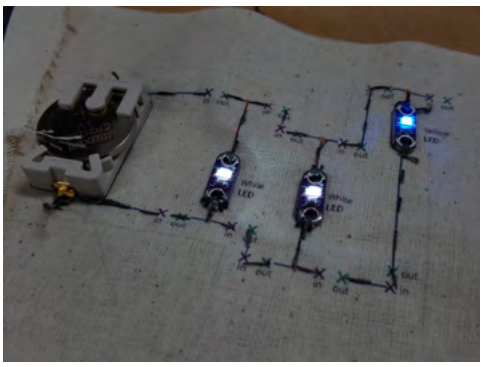
Light up a drawstring bag with wearable electronics



Brief Overview

Spark your wearable electronics journey with this introductory workshop on sewing electronics onto fabric. Participants will get to take home their own lit up drawstring pouch.

Description

This workshop introduces participants to:

1. Printing designs onto fabric using heat transfer technology.
2. The concepts of basic electronics
3. Sewing an electronic circuit onto fabric.

Equipment List

- Heat Press
- Colour Laser Printer
- TTC Transfer Media

Pricing and Duration

Price	$600.00
Number of Paxs	6
Duration	150 mins

* Price quoted is before GST

** An additional charge of $150 applies if the location does not have a heat press or suitable colour laser printer.

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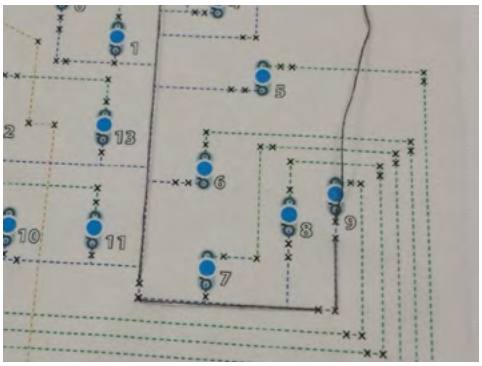
Wearable Electronics with Lilypad or Microbit



Brief Overview

Did you know you can add a microcontroller on a piece of fabric? Get started with wearable electronics in this workshop. Learn about conductive thread, Lilypad and sewable LEDs.

Description

Participants will learn how to use heat transfer technology together with wearable electronics

1. They will print a sewing pattern on a fabric to act as the circuit template.
2. They will then learn how to sew the LEDs and the microcontroller on with conductive thread.
3. They will then learn to program the microcontroller to create their own custom light pattern.

Equipment List

- Heat Press
- Colour Laser Printer
- TTC Transfer Media

Pricing and Duration

Price	$600.00
Number of Paxs	6
Duration	180 mins

* Price quoted is before GST

** An additional charge of $150 applies if the location does not have a heat press or suitable colour laser printer.

*** An additional charge of $45.00 per pax for microbit

**** An additional charge of $60.00 per pax for Arduino Lilypad + FTDI Driver

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Introduction to Heat Transfer Printing

Brief Overview

What is heat transfer and what can you do with it ?
This simple workshop will teach the particpants how to create a simple design and then take that design and make it into a variety of products.

Description

Participants will first learn how easy it is to use Canva to create their design on a regular web browser such as Google Chrome.

Next, they will learn how to take their design and print it out onto a a variety of different heat transfer media using a regular colour laser printer.

Lastly, they will learn how to transfer that printed image onto a variety of products.
- White T-Shirt
- Tote Bag
- Wooden Sign Board
- Metal Sign Plate

This workshop introduces participants to 2 things.
1. Designing with Canva (A web based design tool)
2. Heat transfer printing technology.

Equipment List

- Heat Press
- Colour Laser Printer
- RST Transfer Media
- CPM Transfer Media
- TTC Transfer Media

*Participants need to bring their own laptop and the place must have internet connection

Pricing and Duration

Price	$450.00
Number of Paxs	6
Duration	120 mins

* Price quoted is before GST

** An additional charge of $150 applies if the location does not have a heat press or suitable colour laser printer.

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Design and sew up your own drawstring bag

Brief Overview

Get your designer groove on and learn how to take your own design from drawing to product using heat transfer technology and sewing.

Description

Participants will learn how to:

1. create their own design with Canva, an online software.
2. integrate their design onto textiles using heat transfer technology.
3. sew their design into a mini drawstring pouch

Participants take home their own personalised drawstring pouch.

Equipment List

- Heat Press
- Colour Laser Printer
- TTC 3.1+
- Sewing Machines

Pricing and Duration

Price	$500.00
Number of Paxs	6
Duration	180 mins

* Price quoted is before GST

** An additional charge of $150 applies if the location does not have a heat press or suitable colour laser printer.

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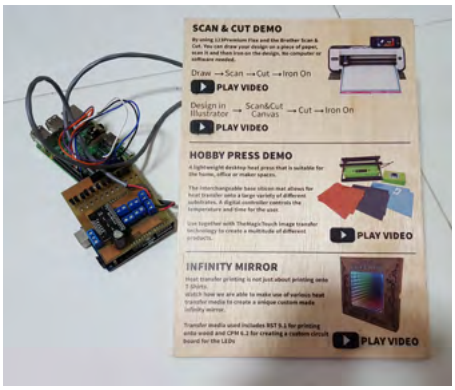
Build your own interactive wooden touch panel



Brief Overview

Learn how to use heat transfer technology and conductive paint to create a one of a kind intereactive wooden panel. Be amazed by how you can send electronic signals by just touching on a wooden surface.

Description

1. Participants will first learn how to print onto a wooden surface using heat transfer media (RST 9.1) and a heat press machine.

2. Apply copper tape and wiring to the back side of the wood.

3. Paste vinyl sticker onto the wooden surface to act as a stencil and apply on the conductive paint.

4. Connect the panel up to an Arduino and program it.

Equipment List

- Heat Press
- Colour Laser Printer
- RST Transfer Media
- Soldering station
- Dremel 4000
- Arduino Uno / Nano

Pricing and Duration

Price	$750.00
Number of Paxs	6
Duration	180 mins

* Price quoted is before GST

** An additional charge of $150 applies if the location does not have a heat press or suitable colour laser printer.

*** An additional charge of $45.00 per pax for Arduino Uno

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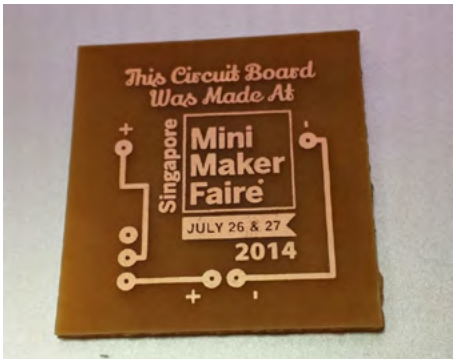
Etch your own DIY PCB with household products



Brief Overview

Did you know that heat transfer technology can be used to create a custom PCB board?
In addition, the chemicals required to etch the board can be done with household products bought at a regular shopping centre.

Description

Starting with a blank copper board, participants will first learn how to print the circuit trace onto it using heat transfer technology.

1. The circuit trace is first printed onto a special heat transfer media (CPM 6.2) using a regular colour laser printer.
2. The printed image is transfered onto the copper board using a heat press.
3. Prepare the household etching solution using Vineger, Hydrogen Peroxide and Salt and etch the board.
4. Drill the holes with a Dremel
5. Solder up the componants.

Equipment List

- Heat Press
- Colour Laser Printer
- CPM Transfer Media
- Soldering iron and solder
- Dremel 4000 + Drill stand

Pricing and Duration

Price	$450.00
Number of Paxs	6
Duration	90 mins

* Price quoted is before GST

** An additional charge of $150 applies if the location does not have a heat press or suitable colour laser printer.

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Print your own Furoshiki

Brief Overview

Furoshiki (“bath spread”) are a multi-use wonder. These traditional Japanese square cloths are a great way to bundle or wrap pretty much anything. Learn how you can use heat transfer technology to print and create your own personalised furoshiki!!

Description

Participants will first plan out the design of their furoshiki by printing out on normal paper and then laying them out on the fabric.

Next, they will then print the images onto heat transfer media (TTC 3.1+) and heat press the image onto the fabric to create their personalised furoshiki.

Finally, they will have a short lesson on a few examples of how to use the furoshiki to bundle or wrap up common items.

Equipment List

- Heat Press
- TTC Transfer Media

*Participants need to bring their own laptop and the place must have internet connection

Pricing and Duration

Price	$xxx
Number of Paxs	12
Duration	90 mins

* Price quoted is before GST

** An additional charge of $150 applies if the location does not have a heat press or suitable colour laser printer.

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