



WHAT IF MACHINE

2016

TEAM MAKER PACK



DERBY MUSEUMS

A WHOLE HISTORY OF FORWARD THINKING



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INTRODUCTION

Welcome to The Silk Mill's third *What if Machine!*

We are delighted that you and your team will be joining us as we aim to create the largest What if Machine to date on the Ground Floor of the Silk Mill.

FAQ

What is a *What if Machine*?

A What If Machine is a self-triggering, over-engineered contraption designed to complete a simple task. We have built two What if Machine's before – you can see them here for some pre-event inspiration!

<http://derbysilkmill.tumblr.com/post/40593456354/the-what-if-machine-in-action>

<https://www.kitronik.co.uk/blog/machine-2015-derby-silk-mill-museum/>

Do I have to be a Maker Extraordinaire?

At the Silk Mill we believe everyone is a Maker! We also understand, however, that not everybody feels as confident with certain elements of making. We have our Workshop Supervisor, Museum staff and Maker in Residence on hand to provide extra support and advice throughout the day.

What shall I bring?

Your Team! And a packed lunch. We will provide badges, tools, materials and tea/coffee/juice (maybe some biscuits too!)

Will we finish it?

For the What if Machine 2015 we designed and built the majority of the machine in a day – with a bit of time on Sunday to complete final bits and bobs. The general consensus following the event was that we *could* have done it in a day so we are challenging ourselves this year! By 4pm there will be a What if Machine – let's see how we get on...

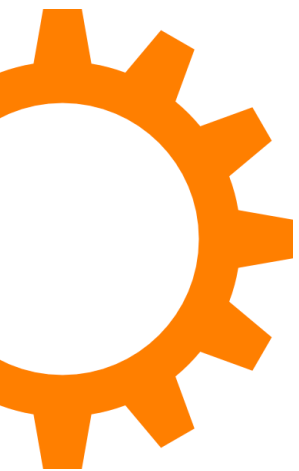
Will it work?!

Who knows! We've had successful runs every time – so are hopeful we can do it again. It's all part of the fun, if bits fall off or don't trigger other parts we encourage Teams to give it a nudge!

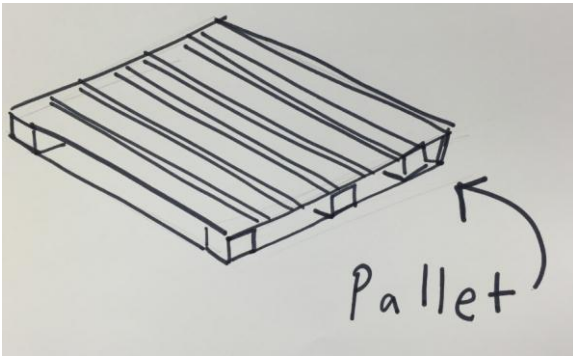
How many Teams are there?

8 Teams will be helping to build this year's machine.

We encourage our teams to think big, take a few risks and give things a go! We are so excited to welcome you on the day – if you have any questions in the mean time you can call **01332642238** or email chris2@derbymuseums.org.



WHAT TO EXPECT



You will be given a pallet as a starting structure to your piece of the What if Machine.



Your team will be given a bucket of equipment to get you started – golf balls, wool, scissors, gloves, goggles, card... loads of things to start you off!

If you would like to supplement this with a few extra pieces from home then that would be great! Try and keep this to a bucketful though, please.



There will be a scrapheap of materials that you can access throughout the day for all those extra bits and bobs!

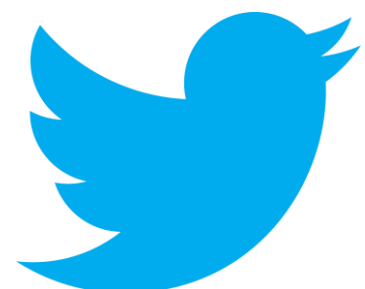
We will be encouraging Teams to tweet!

Document your day with us online;

#WhatIf2016

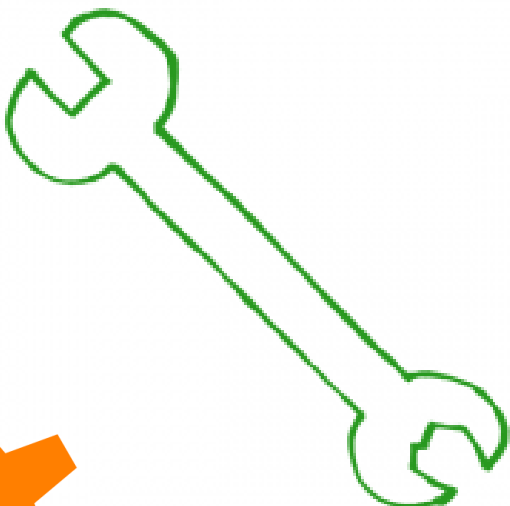
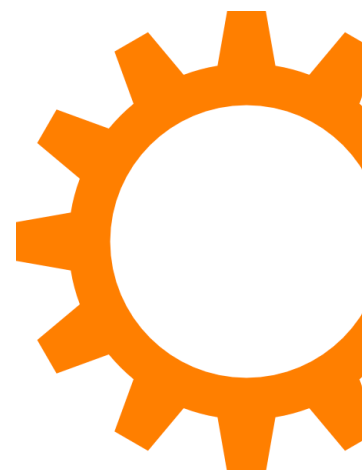
@derbysilkmill

@derbymuseums



TIMETABLE

10-10.15am	ARRIVAL & INTRODUCTION
10.15-12.30pm	MAKING MORNING
12.30-1pm	LUNCH TIME
1-5pm	SILK MILL OPEN TO PUBLIC
1-4pm	MAKING AFTERNOON
4-5pm	WHAT IF MACHINE RUNNING
5-5.30pm	CLEAR UP!



CONTACTS

Any further questions? Get in touch!

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