BRIDGING THE IRTUAL & PHYSICAL

Designing for Digital Engagement in Galleries

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LREATIVE CONFIDENCE

What is important to you as an organisation and as an individual?

IT'S MAGICAL, NOT MAGIC

The state of the state of the

CREATIVITY IS SORT OF A CATCH-ALL IDEA THAT ENCO-MPASSES SO MANY THINGS. IT'S HARD TO NAIL DOWN, BUT YOU KNOW IT WHEN YOU SEE IT. ONE THING IT ISN'T IS A SUPERPOWER YOU'RE JUST BORN WITH. IT'S NOT EXCLU-SIVE. ANYONE CAN TAP INTO THEIR CREATIVE ENERGY TO MAKE SOMETHING SPECIAL WITH HARD WORK & A LITTLE BIT OF LUCK.



Way.







Current driving factors in the UK:

- Emphasis on STEM or STEAM
- New Computing Curriculum
- The challenge of educating for a fast changing future

Key reports:

- "Designing the Digital Economy: Embedding Growth through Design, Innovation and Technology", All Party Design and Innovation Group
- "Next Gen", Nesta
- "The UK STEAM Education Landscape", The Royal Academy of Engineering
- "After the reboot: computing education in UK schools", Royal Society, 2017

- 1. Cultural
- 2. Cognitive
- 3. Constructive
- 4. Communicative
- 5. Confident
- 6. Creative
- 7. Critical
- 8. Civic

Doug Belshaw (2011) The Essential Elements of Digital Literacies.





FINANCIAL TIMES

HOME WORLD UK COMPANIES MARKETS OPINION WORK & CAREERS LIFE & ARTS

Special Report: The Connected Business

How to robot-proof your children's careers

Experts say a rethink of education is needed to keep humans employed



Distribution Centre in Burton-upon-Trent, central England, on November 27, 2015. @ Getty











APRIL 6, 2016 by: Sarah O'Connor, Employment Correspondent

Pity school careers advisers. If economists are to be believed, vast numbers of jobs will

REPAIR MANIFESTO

WE HOLD THESE TRUTHS TO BE SELF-EVIDENT

IF YOU CAN'T FIX IT, YOU DON'T OWN IT.

REPAIR IS BETTER THAN RECYCLING

Making our things last longer is both more efficient and more cost-effective than mining them for raw materials.

REPAIR SAVES YOU MONEY

Fixing things is often free, and usually cheaper than replacing them. Doing the repair yourself saves you money.

REPAIR TEACHES ENGINEERING

The best way to find out how something works is to take it apart.

REPAIR SAVES THE PLANET

Earth has limited resources. Eventually we will run out. The best way to be efficient is to reuse what we already have.



REPAIR IS WAR ON

TO NON-PROPRIETARY

TO DEVICES THAT CAN BE OPENED

TO REPAIR THINGS TO ERROR CODES &

OUR OWN REPAIR TECHNICIAN FASTENERS

IN THE PRIVACY OF OUR OWN HOMES | WIRING DIAGRAMS TO AVAILABLE, REASONABLY-PRICED SERVICE PARTS

IS INDEPENDENCE REQUIRES CONSUMERS INTO INSPIRES SAVES MONEY & RESOURCES CREATIVITY CONTRIBUTORS PRIDE IN OWNERSHIP

PEOPLE MAKING





HOU CAN YOU BRING MAKING INTO GALLENES?





How Do You CREATE THAT "WoW!" MOMENT?





WHY LEARN BY MAKING?

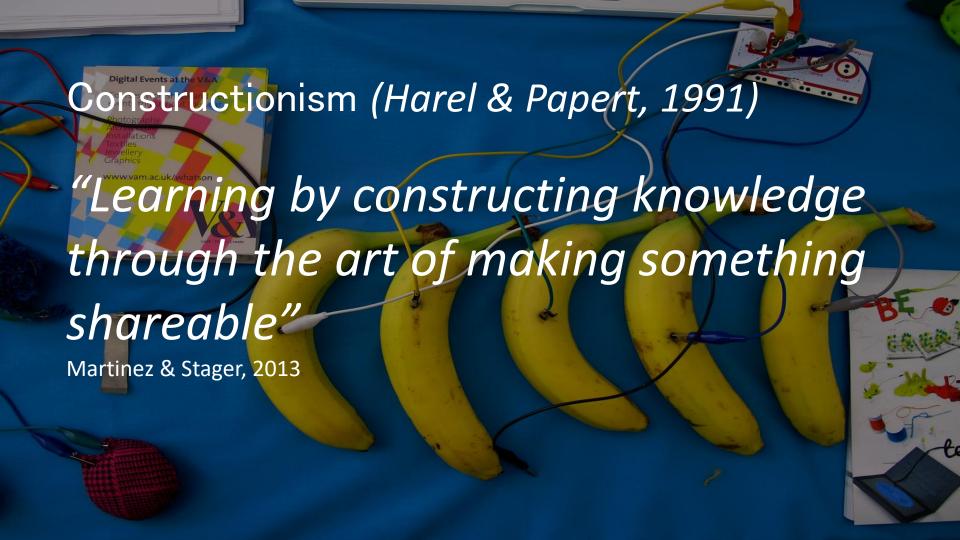


- The biggest brands in the world for young people at the moment are all about making and collaboration
- Making and hacking is about sharing knowledge
- Digital tools and platforms are a space for self expression
- Expectation from young audience to be able to participate, shape and create media
- Easier than ever to connect the physical and the digital



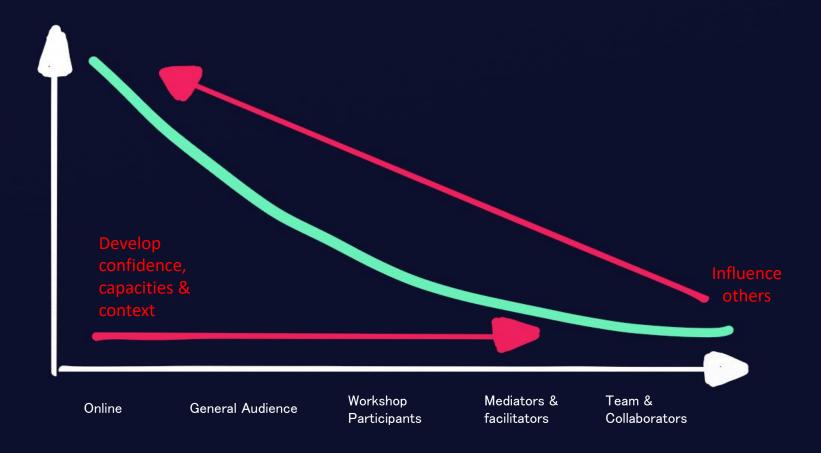






STRATEGIES FOR PROBLEM-BASED LEARNING

- 1 The learning should be related to a larger task
- 2 Students should be able to take ownership of the problem
- 3 The task should be authentic
- 4 Reflection is central to the learning process
- 5 Allow and encourage learners to test ideas against different views in different contexts



Depth of participation & engagement









ENCACEMENT LAVE TO BE)EEP

SAMSUNG DIGITAL CLASSROOM



The Samsung Digital Classroom is a programme for 16 – 24 year olds which offers hands on, practical workshops with designers exploring the latest in digital art and design and paths into study and industry.





'This is so different to school – art is more just learning about history and artists – this encourages you to develop your own style and ideas'

'I liked how it prepares you for what you are going to need later on. A learnt a lot about what universities expect'

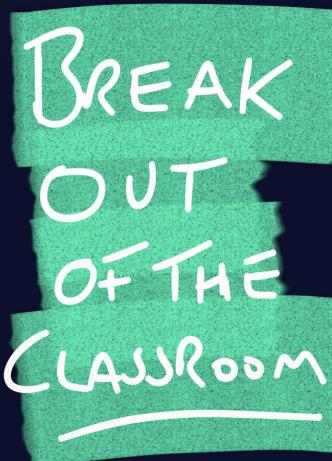
'I want to do a creative career and I already am considering game design so this has just made me more keen'

SAMSUNG DIGITAL CLASSOOM 3D Printed Jewellery / Digital Animation /

Digital Print for Fashion/ Virtual Reality / Wearable Technology / Engineering / Projection Mapping / Portrait Photography / Crowd Funding / **Creating Digital** Portfolios / Video Game Design / Sustainable Design/











NTO THE CALLERY







SYNCHRONICTTY F.E.N. CE/MICHELE PANEGROUSI





GREAT ()RMOND ST. HOSPITAL



SCAN THE WORLD

MMyMiniFactory

CATEGORIES

DESIGN CHALLENGES

HOW IT WORKS









REGISTER

LOGIN

scan the *world*

Supported by SHINING 3D°

5232 3D printable scanned sculptures

about get involved community gallery museums & galleries

map upload

all

sort by

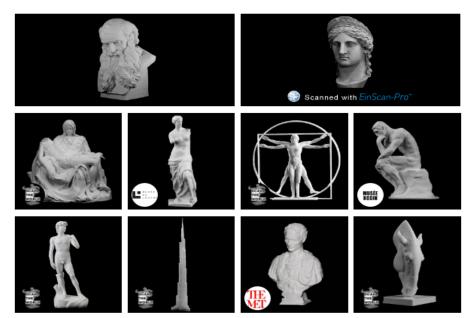
popular

recent

random artwork



search

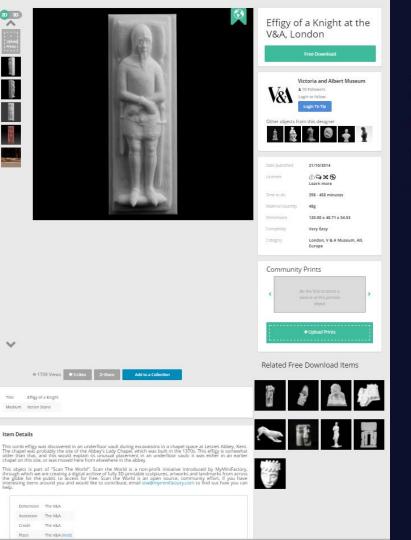


info

project start date - 28th June 2014 printing hours - 21,000

Scan the world is an ambitious initiative whose mission is to archive the world's sculptures and objects of cultural significance in a form suitable for 3D printing.

This serves to bring art to the masses in a way more tangible than ever before, all in the wider context of meaningful contribution to education, preservation, restoration and accessibility.

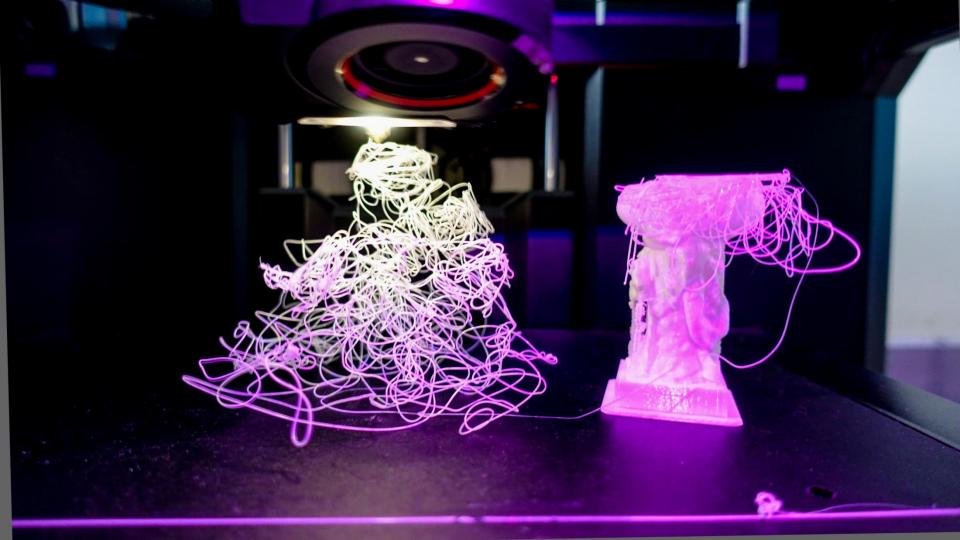


"...there is a different class of amateur creators that digital technologies have enabled and a different kind of creativity has emerged as a consequence."

"This is a free gift to many who could pay for it, no doubt. But it is an extraordinarily valuable gift to many who could not, but who still want to create."

Lawrence Lessig, "Freesouls", 2007









so focussed on what they wanted to make. It was such a good project for young

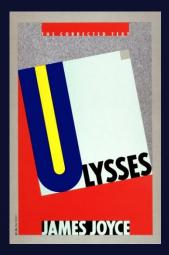
people in isolation as everything was done on a tablet.

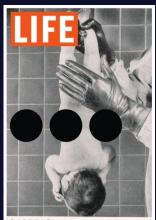
"It was amazing to to have this 3D printer on the ward and to see the young people

Plus, I never thought that I'd ever see them so interested in C17th sculpture!"

.

Amy Crowley, Play worker





204877-G

I thrive on collaboration and learned early on as an aspiring painter in art school that I couldn't picture myself poor and alone in a cold garrett smoking unfiltered Camels.

I need heat, hot water, nice linens, and the sound of two hands clapping.

Carin Goldberg

