

ASSESS



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TRAINING ACTIVITY

INNOVATIVE DIGITAL SOLUTIONS TO ASSESS 21ST CENTURY SKILLS IN MAKERSPACES

Examples of easy to start with maker activities/projects



List of examples

Let's create an origami

<https://www.origamiway.com/easy-origami.shtml>

Let's create paper circuits

<https://www.makerspaces.com/paper-circuits/>

<https://www.sciencebuddies.org/stem-activities/paper-circuit?from=Blog>

Creating 3D models in TinkerCAD

<https://mycontent.ellak.gr/wp-content/uploads/sites/18/2015/12/GettingStartedInTinkercad.pdf>

<https://all3dp.com/2/tinkercad-tutorial-easy-beginners/>

Micro:bit projects for beginners

https://makecode.microbit.org/?fbclid=IwAR3zv91Wh25RdE1SSD0dogKJxjurAZspnuFugp7dLH_ZLfckIcV4Wrwswhs

<https://microbit.org/projects/make-it-code-it/heart/> (you need a Micro:bit)

<https://microbit.org/projects/make-it-code-it/clap-lights/> (you need a Micro:bit)

Start your project in Scratch

<https://scratch.mit.edu/projects/editor/?tutorial=getStarted>

Getting started with EV3 robots

http://cmra.rec.ri.cmu.edu/previews/ev3_products/robotc_ev3_curriculum/?fbclid=IwAR3Wblg1PdDNsaj_w9TP31Vvk_P2cDA3DvmdPqW3XvKn-A6eWojPgO1qKtg

Explore TinkerCAD Circuits

<https://blog.tinkercad.com/official-guide-to-tinkercad-circuits>

Additional easy to start with maker activities

<https://www.sciencebuddies.org/blog/makerspace-projects>

Fablab fellows share inspirational ideas for projects from their learning spaces:

<https://fablearn.org/wp-content/uploads/2019/03/Meaningful-Making-2.pdf> (page 169-...)