# Creativity Studio @GCLS

## Ultimaker 2 Go 3D Printer
The Ultimaker 2 Go is a portable prototyping machine that can create quality 3D prints using PLA plastics. It is capable of printing any 3D design within a 6 in. x 6 in. x 6 in. area.


## XYZ Printing 3D Hand Scanner
The 3D hand scanner makes a real-time scan of faces and objects to help design 3D models for game design, animation, or 3D printing.

[www.xyzprinting.com](http://www.xyzprinting.com)

## OSVR Hacker Development Kit
Two Virtual Reality headsets will allow users to explore and create in an immersive virtual environment.

[www.osvr.org](http://www.osvr.org)

## Leap Motion Controller for Virtual Reality
Leap Motion attachments allow users to see and utilize their hands while using virtual reality.

[www.leapmotion.com](http://www.leapmotion.com)

## Silhouette Cameo II Vinyl Cutter
The Cameo is an open-source vinyl cutter capable of producing custom signs, displays for retail stores, heat transfer material for apparel, etching material for sand blasting, vehicle graphics, decals, and labels.

[www.silhouetteamerica.com](http://www.silhouetteamerica.com)

## HUE Animation Studio
An award-winning beginner stop-motion kit with an HD camera and software to start you off making films and shorts.

[www.huehd.com/animation](http://www.huehd.com/animation)
<table>
<thead>
<tr>
<th><strong>FancierStudio Lighting Kit</strong></th>
<th>This lighting kit is fully portable and can be used for providing adequate lighting for stop-motion films, accurate 3D scans, and filming in front of our greenscreen wall. <a href="http://www.fancierstudio.com">www.fancierstudio.com</a></th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Button Making Machine and Supplies</strong></td>
<td>Everything you need to make professional 1 inch buttons. Works well with a computer to create unique wearable pieces. <a href="http://www.thebuttonquy.net">www.thebuttonquy.net</a></td>
</tr>
<tr>
<td><strong>Snap Circuits</strong></td>
<td>Elenco Snap Circuits makes learning electronics easy! Just follow the colorful pictures in the manual and build exciting projects, such as FM radios, digital voice recorders, burglar alarms, doorbells, and much more! Enjoy hours of educational fun while learning about electronics. <a href="http://www.snapcircuits.net">www.snapcircuits.net</a></td>
</tr>
<tr>
<td><strong>Arduino Microcontrollers</strong></td>
<td>Learn how to build, program, and interface with various electronic and computer controlled projects using these popular microcontrollers and electronic component supplies. <a href="http://www.arduino.cc">www.arduino.cc</a></td>
</tr>
<tr>
<td><strong>LittleBits Base Kit</strong></td>
<td>Make circuits in seconds with the littleBits Base Kit, where there are no previous soldering, programming, or wiring knowledge requirements. This collection includes 10 of littleBits’ color-coded Bits modules that snap together with magnets to create larger circuits. <a href="http://www.littlebits.cc">www.littlebits.cc</a></td>
</tr>
<tr>
<td><strong>Ozobot Bit 2.0</strong></td>
<td>These robots sense and are programmed by color and can be given commands and courses with something as simple as a line drawn with markers. Very easy to use and hours of fun. <a href="http://www.ozobot.com">www.ozobot.com</a></td>
</tr>
<tr>
<td><strong>STEM-Themed Manipulatives</strong></td>
<td>LEGOos, Connectagons, and the extremely popular Q-BA-Maze are all available to use and invent with at the CreativityStudio. <a href="http://www.lego.com">www.lego.com</a> <a href="http://www.q-ba-maze.com">www.q-ba-maze.com</a> <a href="http://www.hearthsong.com">www.hearthsong.com</a></td>
</tr>
</tbody>
</table>