Grade 7 Day - Keytag

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| * [BDSS Tech Promo Video](http://www.beamsvillehighschool.org/teched)   *What does the BDSS Tech Department offer?*  Please visit <http://goo.gl/BWC14> to see what is offered in the BDSS Tech Department. Part 1 - Personalized 3D-Printed Keytags We are going to make personalized keytags using SketchUp, which can be downloaded free of charge from <http://www.sketchup.com/download>.   1. Download the template from [here](https://drive.google.com/file/d/0B7tap5Q2qs8xRDYtRkNveEZBSU0/edit?usp=sharing) and remember where you saved it! 2. Double-click on the downloaded file to open it. 3. Choose the top top template ("Simple Template - Feet and Inches") when SketchUp starts. 4. First, we need to fix a problem in SketchUp with these computers:    * Windows > Preferences > Open GL > Turn off Use Hardware Acceleration 5. Insert your name, with a height of 16 mm and an extrusion height of 2 mm. When inserting, try to insert it close to one of the corners of the blank rectangle (not directly into the keytag itself).    * Tools > 3D Text    * Height: 16mm    * Extrusion: 2mm      1. Size your text (using the Scale tool "S") your name to the approximate size of the rectangle.      1. Make a copy (Ctrl-C) of your name and paste it (Ctrl-V) near the keytag. The Orbit tool "O" will be your best friend when doing this!    * (another hint: Shift-O lets you pan the screen)      1. Move "M" the text down to the rectangle in the keytag.      1. When you are finished, save your keytag in your M drive with a filename similar to:    * Full Name - Name of School - Keytag Text (if different than name).skp 2. Example:    * Britney Smith - Senator Gibson - Leafs.skp 3. To submit your keytag for printing, upload it using the following service: <http://www.dropitto.me/pbeens>    * (Mr. Beens will tell you the password.)    * Confirm your keytag has been uploaded before closing! 4. When you are finished, try programming this [maze](http://blockly-demo.appspot.com/static/apps/maze/index.html)!  Part 2 - Blocky Note: The Blockly website will only work with a current web browser and will not work with the default web browser at BDSS. [Google Chrome](https://www.google.com/intl/en/chrome/browser/) is recommended.   1. Blockly Puzzle Demo: <http://blockly-demo.appspot.com/static/apps/puzzle/index.html> 2. Blockly Maze Demo: [http://blockly-demo.appspot.com/static/apps/maze/index.html](http://lmgtfy.com/?q=blockly+maze&l=1)    * (teacher demo up to level 3, then you'll the rest later after the keytag is finished)    Part 3 - If you get time! Try out this tutorial found at <http://goo.gl/1hWQ6> to make a house similar to this: |