



# RICHMOND HILL PUBLIC LIBRARY

## Summer Reading Club

### Making 3D Magic

Put your design skills to the test and make (mini) magic accessories you can print at the library!

Not sure what to make? There are thousands of 3D design templates available online that you can learn from, copy, or use as a model.

For design inspiration, visit [www.thingiverse.com](http://www.thingiverse.com) and type key words or phrases related to magic into the search field. Some designs that you can look for specifically are:

- A magic wand – great for beginners!
- Magic tricks, like the magic coin trick or magic block piercing trick

### Design Your Own Magic Accessories

When designing your magic accessories, use **Tinkercad**. Tinkercad is a free, 3D design website. You can find 3D templates and 3D design tutorials here, too.

If you're new to Tinkercad, register for an account at [www.tinkercad.com](http://www.tinkercad.com). Click on the button that says "Start Tinkering" and create a personal account.

Create a new design from scratch, or search for and copy an existing design that you can customize.

#### Ready to Print?

Once you've completed your design, convert your file to one of the following formats: **\*.stl**, **\*.obj** or **\*.thing**.

When the library re-opens, you can make an appointment to bring your file in on a USB stick and print the design.

Make sure your design is no larger than 10" x 8" x 6" (inches). If it's larger, you'll have to design and print it in separate pieces.

**Happy Tinkering!**

