

## The cost to print:

Prints will be charged a flat rate of **\$3 for each item for up to one hour of printing time**, plus, **an additional \$2 for every additional hour or portion thereof**.

**DISCLAIMER:** We cannot guarantee the quality or usability of objects produced. They are not food safe or suitable for use by small children. PLA filament is not suitable for load-bearing or industrial applications. If the print is of low quality or is not structurally sound, we will only reprint if once.

**NOTE:** We reserve the right to refuse print requests if: they are outside the capabilities of our printer (dimensions - 11.6"x7.6"x6.3"); resemble weapons illegal in Canada or a gun in any capacity; and/or could be considered obscene or hateful.

## Spruce Grove Public Library

35 Fifth Avenue  
Spruce Grove, AB T7X 2C5

Phone: (780) 962-4423

<http://www.sgpl.ca>



Spruce Grove Public Library



@SG\_Library



SG\_Library



### *Spruce Grove Innovation Lab Hours:*

**Sunday Closed**

**Tuesday—Wednesday—Thursday**

**1:00pm - 8:30pm**

**Monday—Friday—Saturday**

**1:00pm—5:30**

**Want to make something with our 3D Printer?  
It's as easy as 1, 2, 3!**

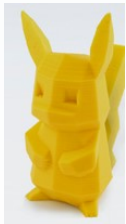


## **\*We only have 5 slots per month for personal prints\***

**Once these are filled, we will move any further requests to the next month and let you know**

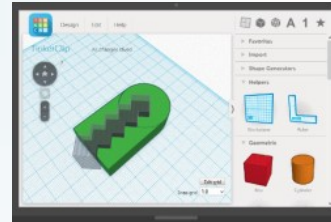
## **Decide what you'd like to print**

Check out **thingiverse.com**. This website gathers designs created by people all over the world and allows you to download them for free. (Tip: Look for objects that have a high number of "I Made Ones" (20 or more) – this is a sign that the file is good and it will print well.)



## **Design your own print**

If you'd like to design your own model – You can use 3D design software such as **Tinkercad** ([www.tinkercad.com](http://www.tinkercad.com)). The file that we will need from you is a **STL**.



## **Fill out a 3D print request form on our website**

You'll find the form at [www.sgpl.ca](http://www.sgpl.ca) under **Services– Printer Services**. We'll need your contact information, colour choice\*, and your 3D model file (a STL file). To send the file you can copy and paste the URL of the item in the 3D print request comment box.

**OR** upload a copy of the STL file from **Tinkercad**

**OR** bring in a flash drive with the STL file on it to the innovation lab desk during its open hours.

*\*Colour choices are subject to material availability.*

## **We will print your object and let you know when it's ready.**

We may contact you with questions about your 3D print submission and/or request that you make changes to it or find a new model if we believe that it won't print as desired. Once your 3D print is ready for pickup we will email you and let you know its total cost .

### **Printer Info**

Unless otherwise requested, all objects will be printed at **100% scale with a 10% infill**. If you would like your object resized or produced with a higher infill please let us know and we'll discuss the options with you.

### **Timelines for printing**

This will depend on demand, the size of the object, the amount of material used to produce it, whether assembly of item is requested, and the colour requested. Objects will be printed in the order they are submitted and by the colour requested as time is available by SGPL staff.