



# ideaSPACE

## 3D PRINTING

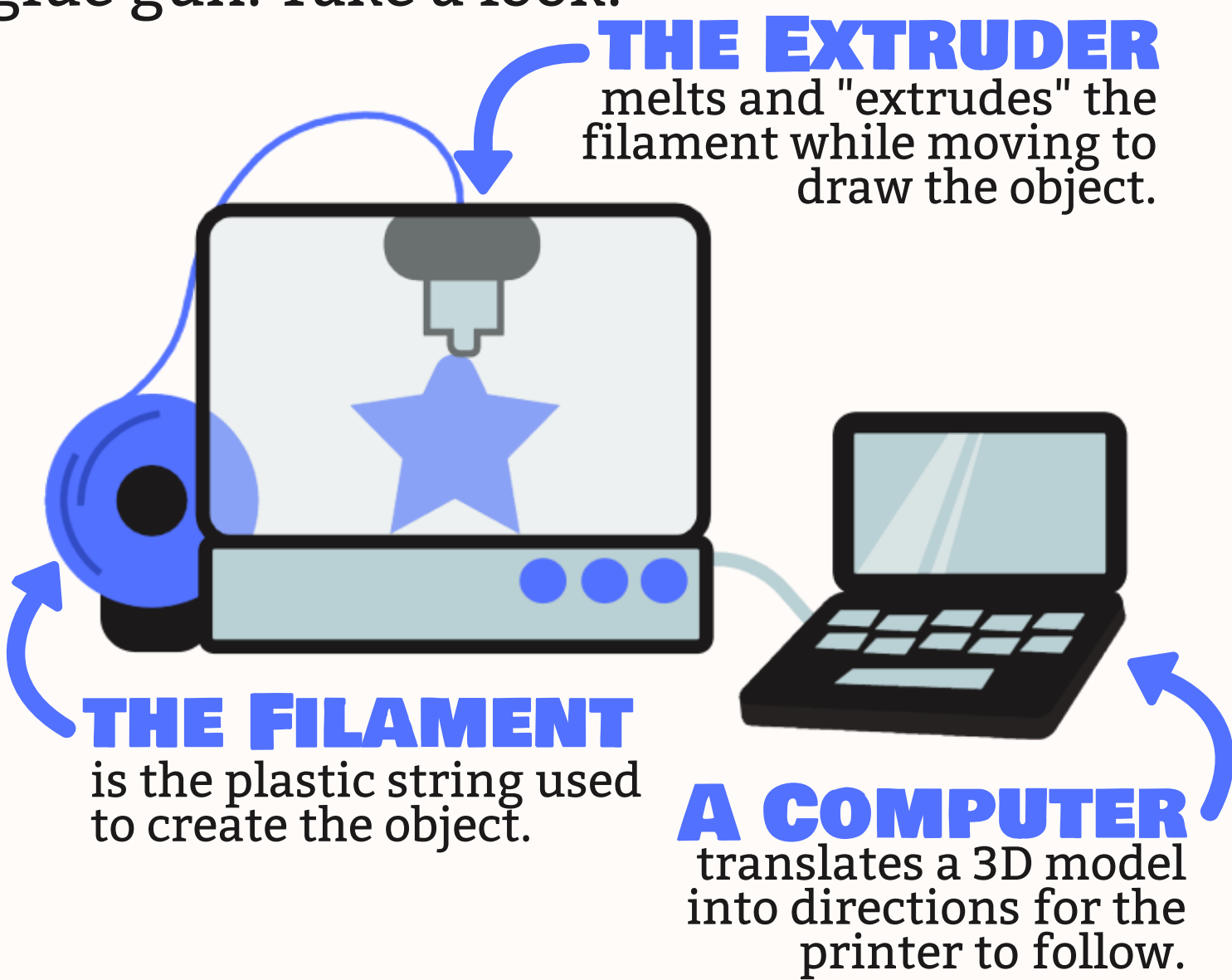
### quick guide

## WHAT IS IT?

A **3D PRINTER** is a tool that turns digital 3D models into real objects! All of our printers use **PLA**, a biodegradable plastic.

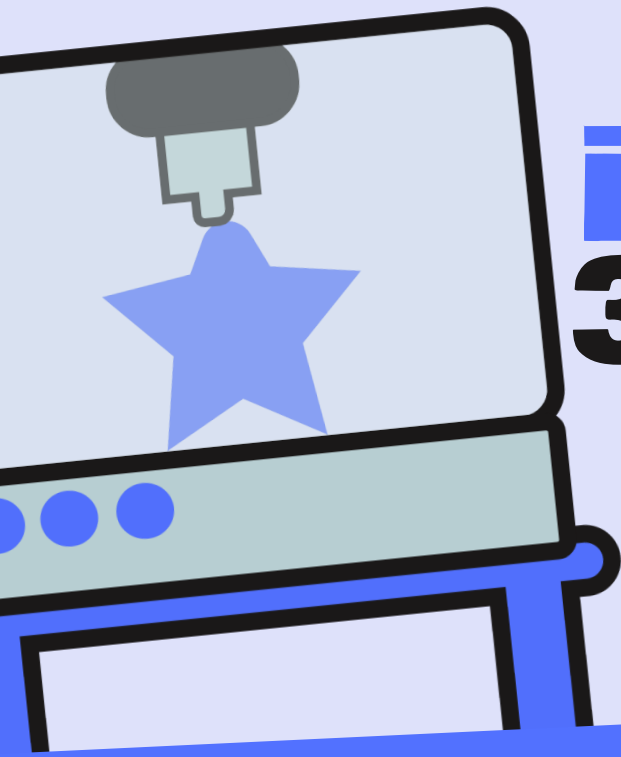
## HOW DOES IT WORK?

Kind of like a super-smart glue gun. Take a look:



## HOW DO I USE IT?

You can submit a design to be printed at [brklib.com/3dprint](http://brklib.com/3dprint)  
The Library charges **25¢/gram** to cover the cost of plastic. Find out where to make or find designs on the other side of this sheet!



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### recommended resources

## ONLINE

### **Tinkercad**

Tinkercad is free, easy-to-use 3D design software, complete with step-by-step tutorials great for all ages. [tinkercad.com](http://tinkercad.com)

### **Thingiverse**

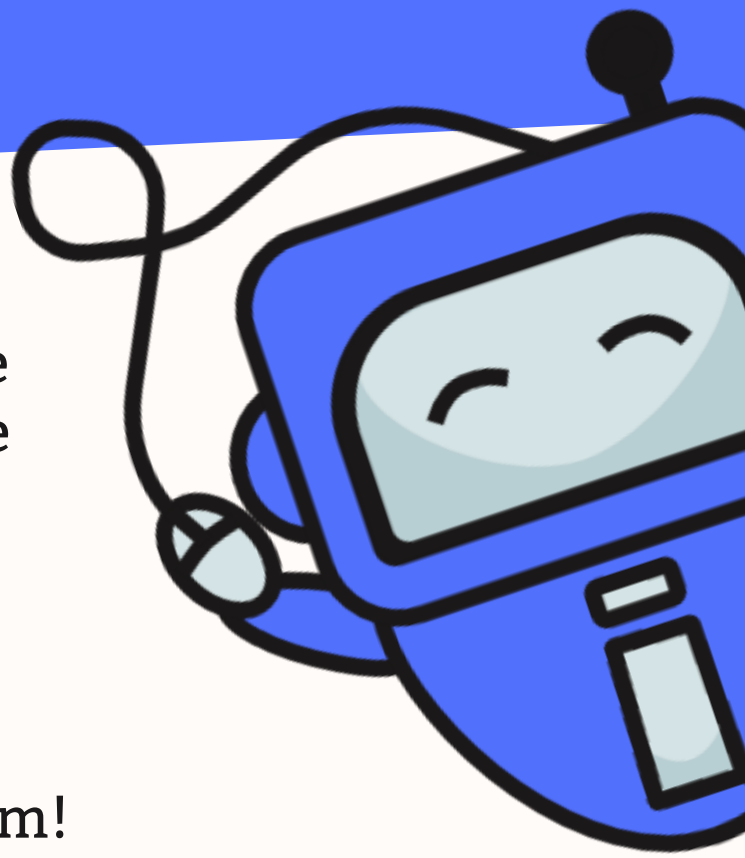
No time to design? No problem! Thingiverse is a compendium of free-to-use 3D printing designs, all ready to download. [thingiverse.com](http://thingiverse.com)

### **Cura**

Want to estimate the size, weight, or support needs of your print? Download Cura to your computer and open a test copy of your design. [brklib.com/cura](http://brklib.com/cura)

### **Lynda**

Follow step-by-step video tutorials on everything from 3D design software to 3D printer settings. Available for free to Brookline residents. [brklib.com/lynda](http://brklib.com/lynda)



## ON SHELVES



**600-621.9**

If you're browsing our non-fiction collection, take a look at this range of the Dewey Decimal system, which covers subjects including technology and tools, including 3D Printing.

### **PERIODICALS**

The Public Library of Brookline subscribes to a number of magazines relevant to 3D printing. **Make:** and **Popular Science** are two of our favorites!