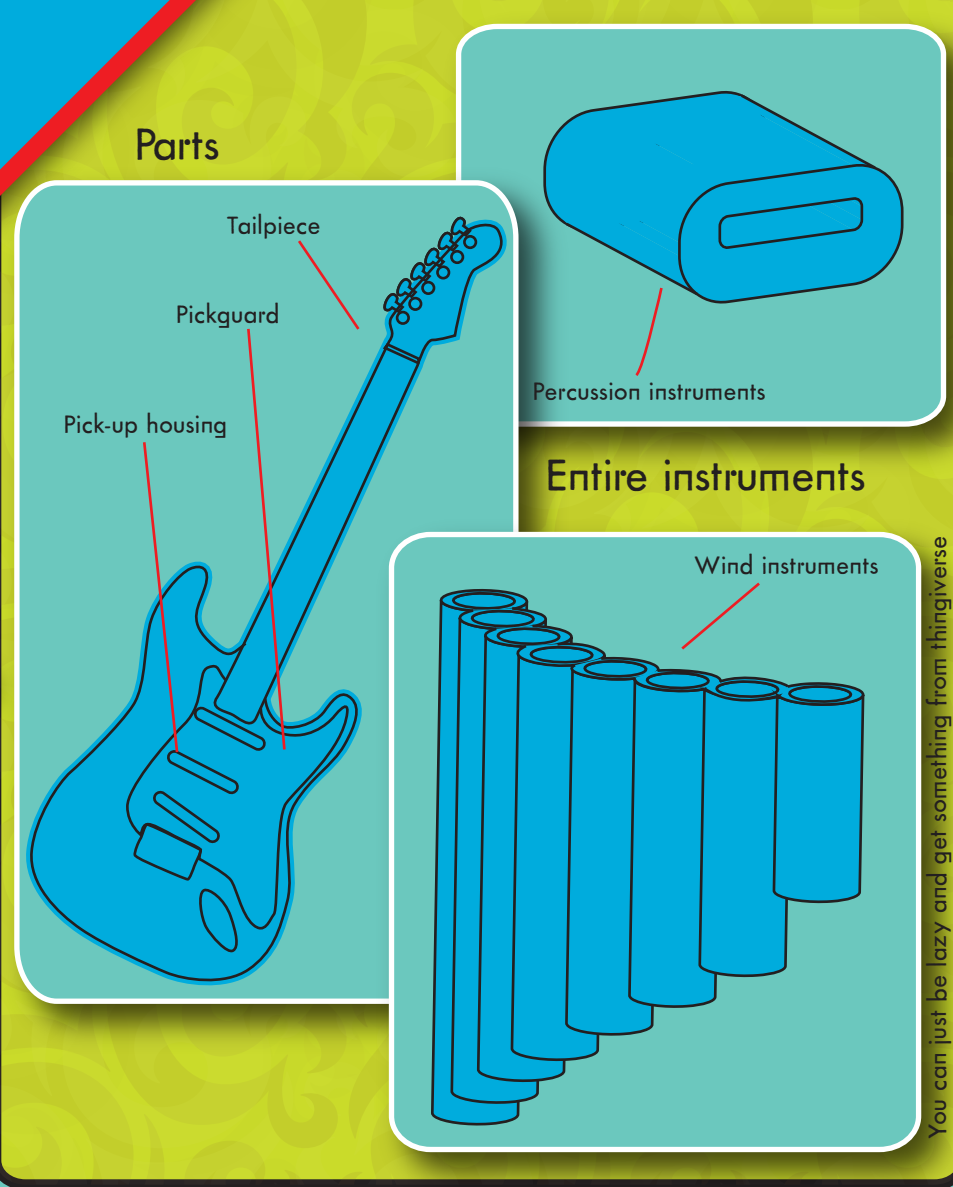
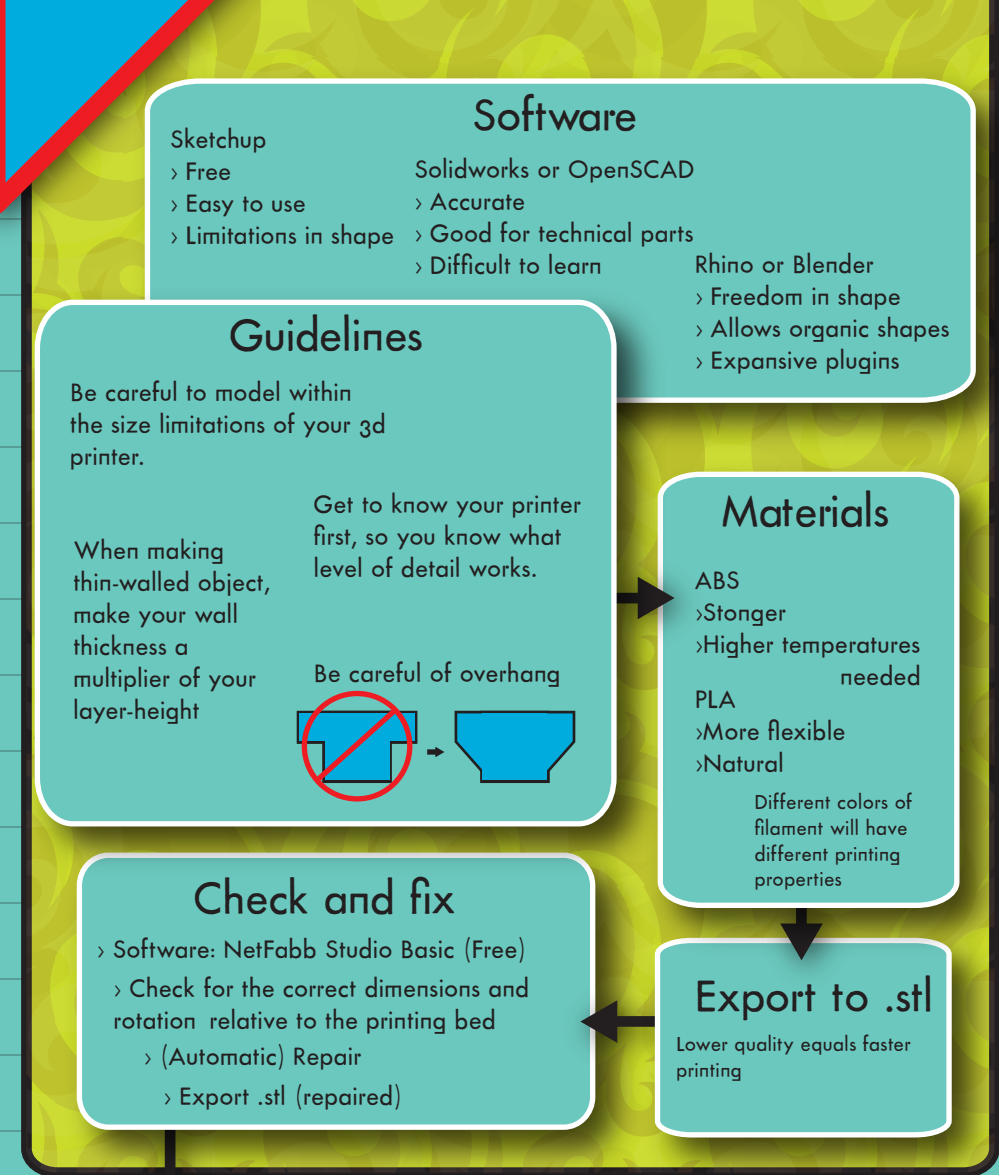


# PRINTING MUSICAL INSTRUMENTS WITH A REPRAP

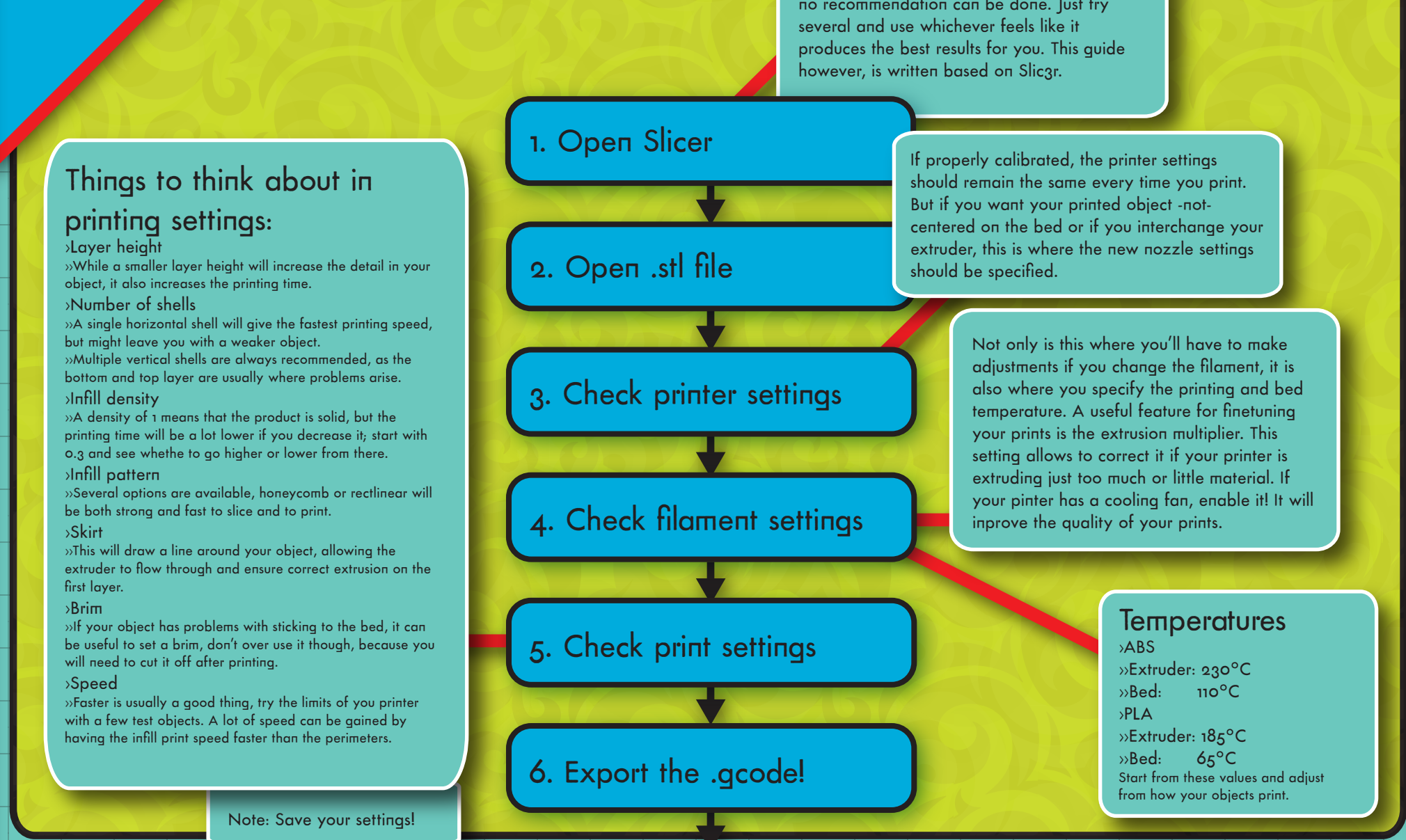
## 1. DESIGN



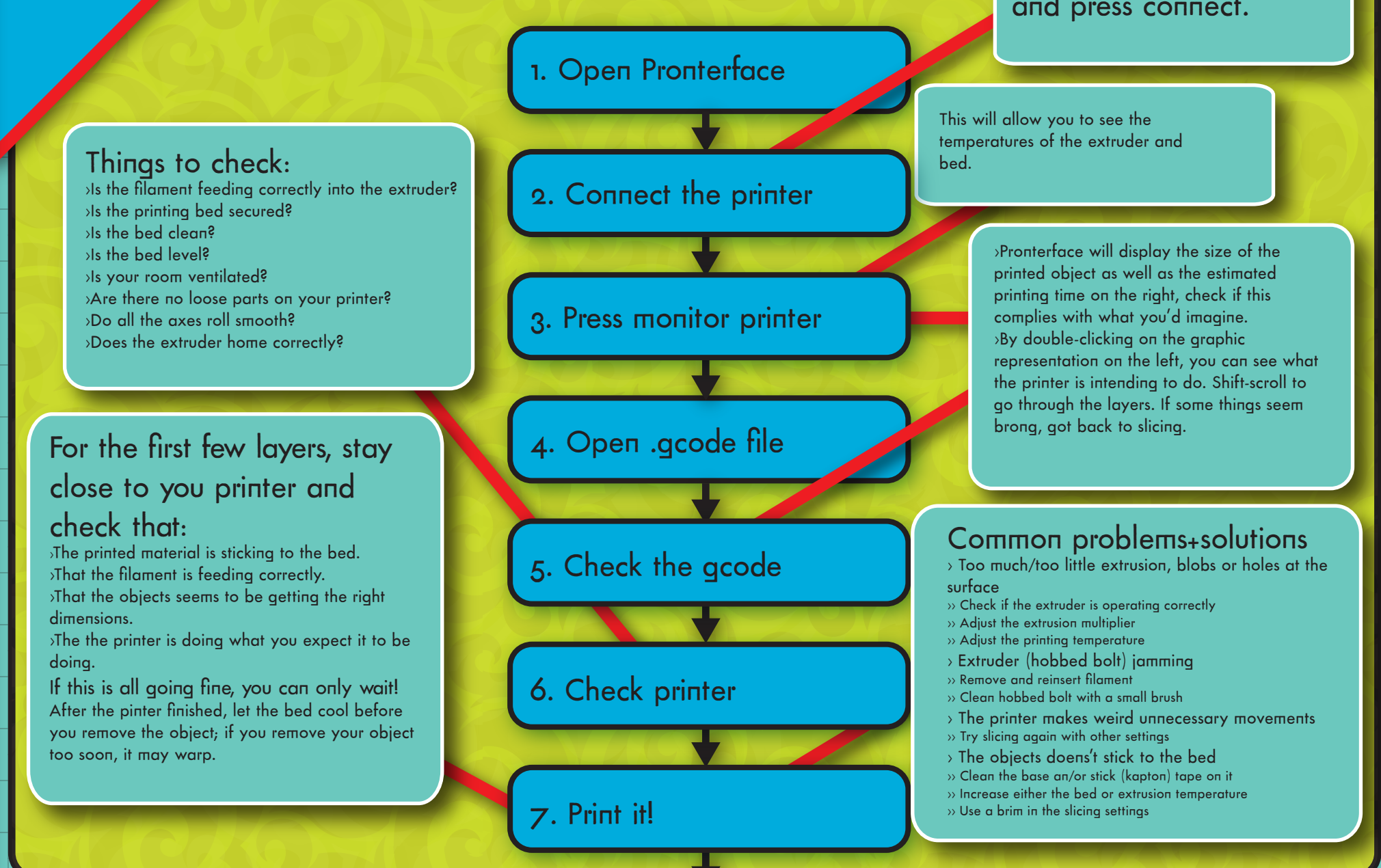
## 2. 3D MODELLING



## 3. SLICING



## 4. PRINTING

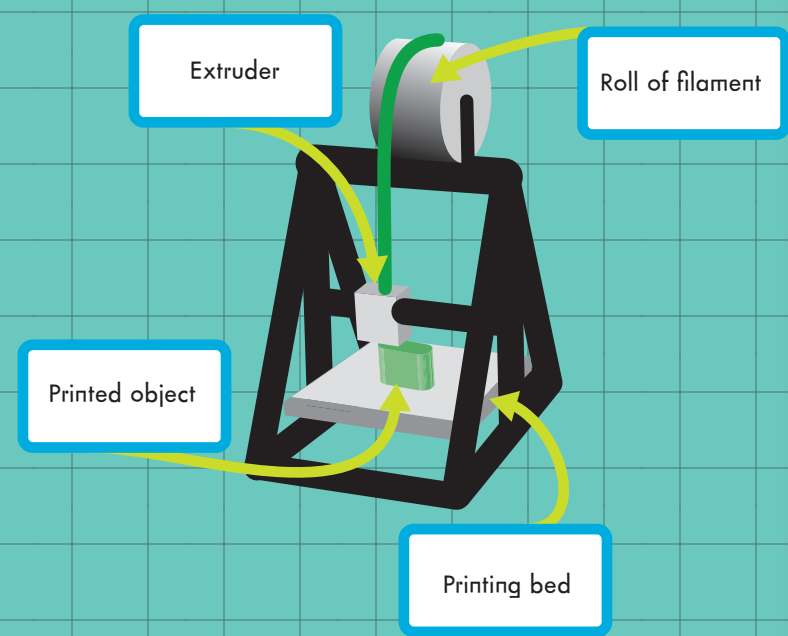


## 5. FINISHING

> The finished product likely has some brims on the bottom which can be removed using a knife or file.

>> Doing this with a machine like a dremel is unadvisable, as the material melts quickly.

> The surface can be smoothed with sanding paper or by using acetone on ABS or a heater on PLA.



Yes ---Is the instrument as you expected it to be?--- No

## 6. ITERATING

So, did it sound like you want to? Can you improve it? Whatever your answer is, go back to the start and print more things!

## 7. TROUBLESHOOTING

>Not the right dimensions?

>Warping?

>Inconsistent layers?

Just try again and learn from your mistakes.

If you keep having trouble, you can get help at the awesome communities at [forums.reprap.org](http://forums.reprap.org) or <http://www.reddit.com/r/reprap>

