




# Grow your own biomaterial

1. Boil water in a **heat-safe container**. Ask an adult for help!
2. Add **sugar** and **tea leaves** to steep. Let the tea cool.
3. Add cooled tea into a clean growth container. Add a **bottle of kombucha**.
4. Cover the opening with a **clean cloth** and a rubber band.
5. Leave to grow for at least a week or until the amount of biomaterial you want has grown. Try not to move it!
6. Wash your hands and remove the biomaterial. Lay out on a **non-metal surface** until dry.
7. Peel the dry biomaterial from the surface and make some awesome things!
8. Share your creation at #MadeAtTheTech and #BioTinkeringLab.   

## + Want to make more?

Repeat the steps above, but for step 3 use tea from your **growth container** instead of a bottle of kombucha!

## Our starter recipe and video

Container	1 qt
Tea	1 bag or 2 tsp
Sugar	3 tsp
Water	3 c



## What you need:



**Heat-safe container**



**Sugar source**



**Tea leaves**  
(non-herbal)



**Growth container**



**Bottle of kombucha**  
(unflavored)



**Clean cloth**  
(coffee filter or cheesecloth)



**Rubber band**



**Non-metal surface**