

MATERIALS CLUB

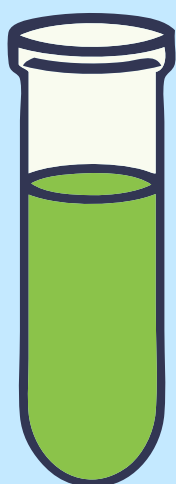
BIO PLASTICS 101

MARCH 2020

WHAT DO YOU NEED?

To get started with the Bio Plastics 101 recipe you will need to get your hands on the following:

- Hob or Hot Plate
- Pan (ideally none stick)
- Spatula
- Silicone baking tray/tray covered in baking paper/ Tupperware lid.



INGREDIENTS

The ingredients in the bio plastics 101 recipe should be items you can find in your cupboards at home.

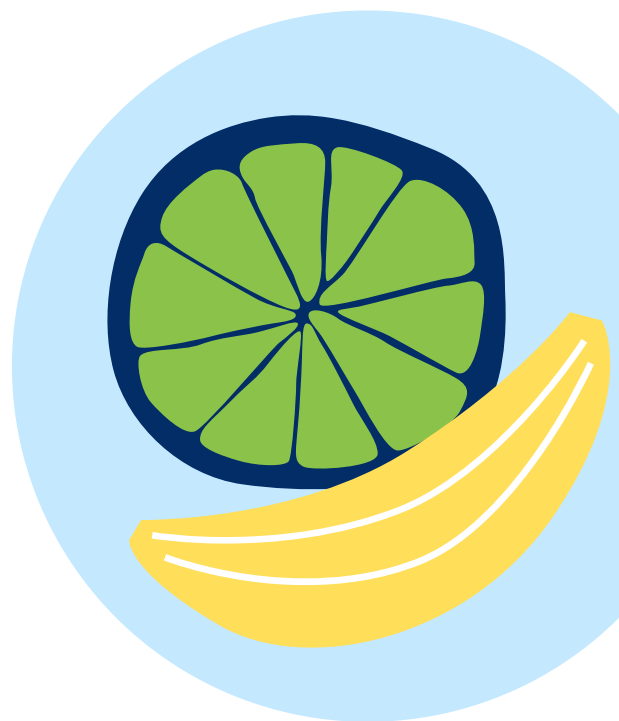
- 6 teaspoons of Corn Starch
- 1 teaspoon of Vinegar
- 2 teaspoons of Glycerin
- 2 teaspoons of Water

PROCESS

Step 1: Measure out corn starch and water into a source pan. Mix to create a smooth paste.

Step 2: Add vinegar and glycerin and slowly bring to the boil stirring constantly.

Step 3: Once bubbling take off the heat and transfer mixture on to a silicone tray of other surface to cool and harden.



WHAT NEXT?

Why not think about swapping the glycerin for oil or the corn starch for potato or another starches to achieve different qualities. Also, try adding waste materials from around the home to experiment with different textures and material outcomes.

Take a look at [Materiom.org](https://www.materiom.org) for more recipe ideas.

