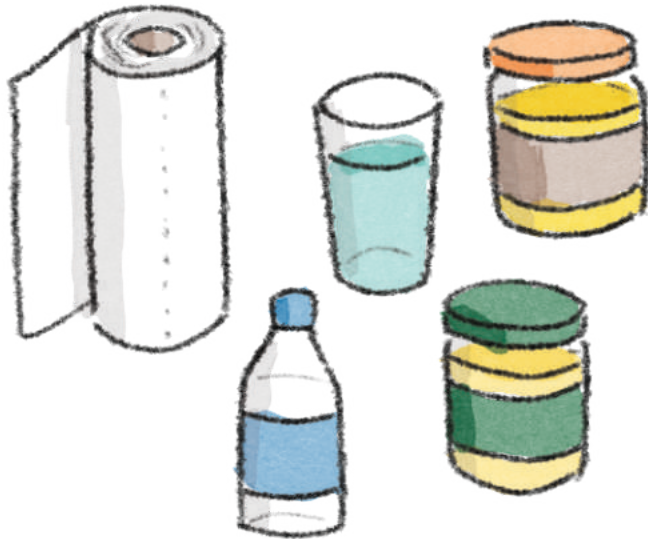




# Experiment - Honey Purity Test



What you need:

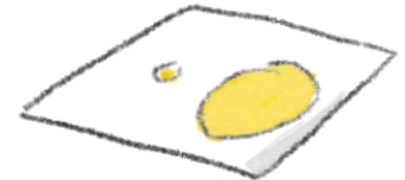
- A glass
- Water
- Vinegar
- A few sheets of kitchen roll
- Two different brands of honey



1. Place a few drops of honey in a glass of water? Did it mix or did it settle to the bottom of the glass?



2. Place a few drops of honey into a glass of vinegar. Did it start to foam?



3. Place a drop of honey on a sheet of kitchen roll and fold the sheet over. Did the honey stay as one large drop or did it spread out wide?



4. Place a small drop of honey on your thumbnail. Did it run off or did it stay as a drop?

## What are your thoughts?

Have you learned something new about the work of bees?

What would you do to ensure we have decent work for all?



# What Do We Learn From This Experiment?

## Honey Purity Test

Pure honey is mostly made up of sugar, in fact between 95% to 99% of honey is sugar. There are many different types of sugar, and the sugars that are typically found in honey are glucose and fructose. The honey purity tests investigate if there is anything added to the honey such as water or other substances.

The thumb test explores how runny the honey is. Pure honey is usually thick and sticky. We refer to this as a viscous substance. If the honey runs off your thumb, then it is not viscous and may have water added to it. If the honey stays on your thumb, then it is viscous and has probably not had water added to it.

Pure honey has a greater density than water. Things that are less dense than water will float in water, whereas things that are more dense will sink in water. Therefore, pure honey will sink to the bottom of a glass when added to cold water.

The vinegar test explores if substances have been added to the honey. Vinegar is an acid and does not react with the sugars in honey. If you see a foam form when you add vinegar to honey, then you do not have pure honey.



# What Can We Do?



Learn about different jobs and what people do.

SDG 8 is all about promoting sustained, inclusive and sustainable economic growth, full and productive employment and decent work for all.

It can be hard to know the things we can do in our lives to make a difference, but by following some of the tips on this page we can start making the world better for everyone. You may not think that little changes will make a difference, but everyone making little changes adds up to big change.



Participate in a careers day in school to share your learning with others in your school.



Learn about money management and saving.



Learn about the different inequalities that can occur in the workplace.



Learn about what ethical work practices are.