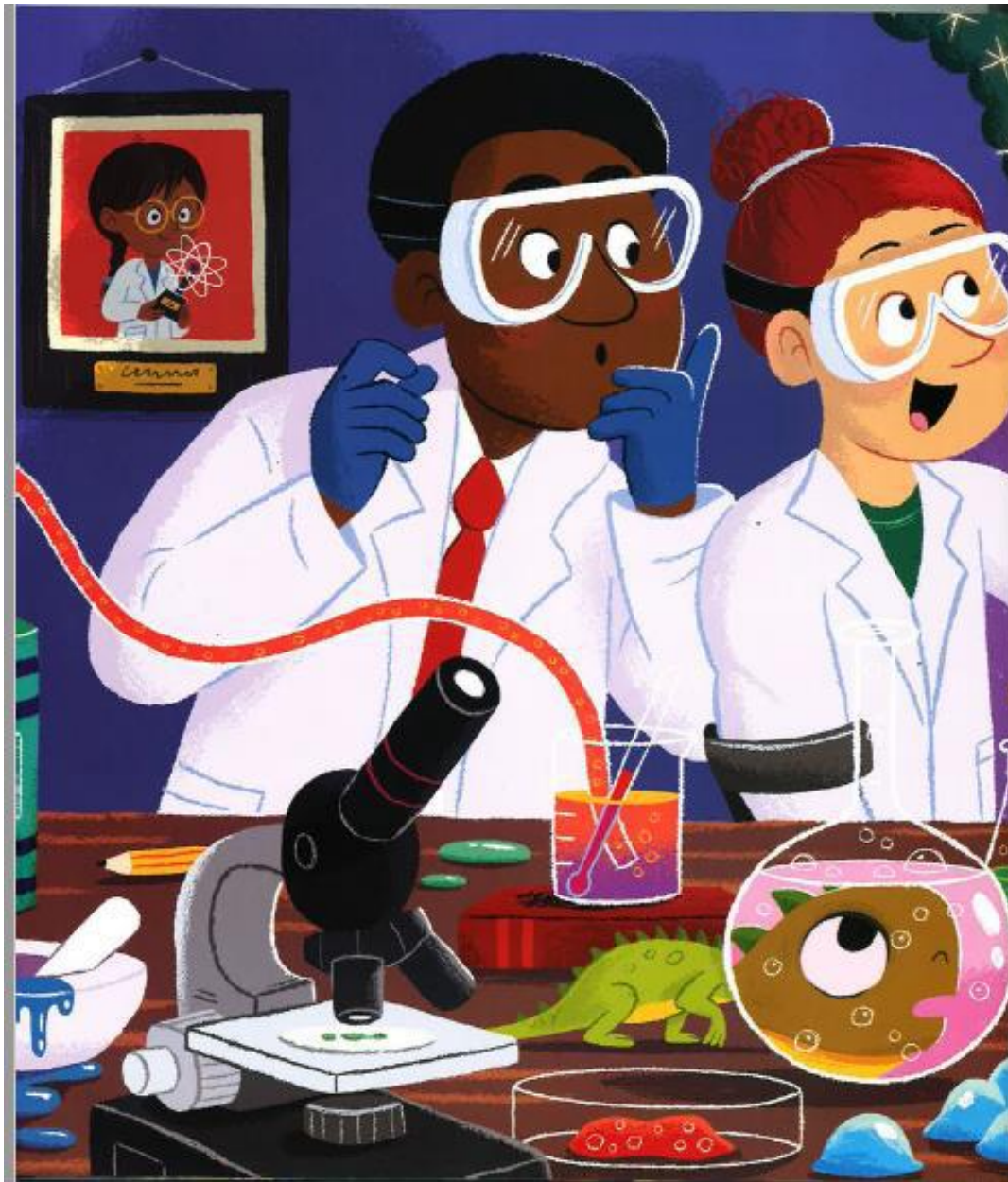


Real life superheroes:

Scientists





In 'A Superhero like you', Lily thought she could be a 'super scientist' and 'make amazing discoveries in her lab'.

Today, we will be looking at what scientists do, and how they help people.

What does a scientist do?

Scientists help us understand how the world, and things in the world work.

There are lots of different types of scientists that have helped us discover different things. For example:

- Medicine to help us get better.
- How to use electricity to watch tv or play on the computer.
- How to look after our environment (e.g. why we should recycle).

How can you be like a scientist?

Scientists collect and record data (information) by observing what happens when they carry out experiments to discover things.

Today you will practise your observing skills, and record what happens:

1. Get an ice cube or ice cream, and put it on a plate.
2. Observe what happens to the ice cube. This means you have to watch carefully and record what happens.

Scientists also try to find answers to questions. Can you find out what you need to do to get the ice cube back to its original state?

*You can do this with different items (depending on what you have – e.g. melting chocolate, freeze water). You can also explore changing states using food (e.g. adding boiling water to make jelly).