



Lab Tour Quiz Answers

Our scientists should be wearing lab coats, safety glasses and gloves when they are doing experiments. They may take their gloves off when they work on a computer or phone, though - they don't want to get any chemicals on them.

Safety

Different areas of the labs have different levels of safety. We all this a biohazard category. In a category 1 area, we wear white lab coats. This is the safest space – we keep things like our chemicals here, and we can do the set-up for lots of our experiments here.

In a category 2 space, things are more hazardous. We keep some of our cells here. They are generally not dangerous cells, though – things like human blood cells, and some bacteria. Staff here wear blue lab coats.

Category 3 is our highest level of safety. The team in here wear green coats. It is a whole separate room with its own ventilation supply. Most of the people who work for us aren't allowed in here. This is where we keep some of the cells that cause diseases, like leishmaniasis or malaria. It's incredibly unlikely that anyone will catch these illnesses, but safety is incredibly important, so we play it safe.

Robots

When you hear 'robots' you might think of things that look like people. In real life, however, most don't! We use our robots to move liquids, scan our sample plates, scan our experiments and more. They often look a bit odd but seeing them run you realise they let us do repetitive jobs at a far, far higher rate than humans ever could.





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Glassware

We have lots of fun glassware, especially in our chemistry labs. We use things like conical flasks, round-bottom flasks, funnels and, of course, test tubes.



Cleaning

We go through a LOT of mild green fairy liquid! A tidy lab is a happy lab, so we do a lot of washing up. We hope you help with the washing up at home too, especially during lockdown!

