

# What type of inventor are you?

1.

**The problem: You need to create new functions for your bike**



**What is your preferred solution? (You have to choose one!)**

- A. Create a new multi rider seat to pedal around with mates
- B. Add solar panels to generate electricity for wifi. You are able to order fast food and listen to music without using your phone
- C. Total redesign - you hate bike saddles and invent a bike that doesn't need one

5.

**How do you get started with ideas?**

- A. I listen out for problems and watch people all the time in case I see an opportunity to invent
- B. I keep my eye on tech updates and innovation - I match make tech with problems
- C. I never stop, I have a list of ideas and am always prototyping solutions

6.

**The problem: You need to invent an object that can give a hug**



**What is your preferred solution?**

- A. A special jumper that warms up and contracts to give the wearer a warm hug
- B. You invent a sensor that monitors a person's mood level - if their data indicates they are feeling low the person will receive a message that tells them to go for a walk or exercise - these activities can produce similar levels of wellbeing to receiving a hug
- C. Smart robot companions are the future - I'm already working on a design and hugging is part of the programming

7.

**Do you ever get lost in your daydreams?**

- A. Sometimes I do - it's great to start problem solving in your head
- B. When I'm inventing I get lost in my thoughts
- C. Daydreams are inventing! I daydream all the time

2.

**What sorts of problems are you drawn to?**

- A. Ones that offer opportunities to change human behaviours for the better
- B. Any type of problem where tech and data can improve it
- C. Everything and anything! I collect problems and opportunities to invent all the time - I invent in my sleep

3.

**What materials do you like?**

- A. Sustainable materials
- B. SMART materials
- C. Whichever material suits the problem



4.

**There's an issue at a local takeaway restaurant. There is often long queues of people waiting to pick up orders where do you start with your solutions?**

- A. This is a people problem: I'd get down there, observe what was going on and improve signage and flow through the restaurant
- B. This is a tech problem, I'd look at how an ordering system could anticipate numbers of customers and improve wait times
- C. Take away restaurants are so 20th century, I'd invent a new way of getting fresh food delivered

**What do your answers reveal about you?**

**Mostly As** You are a human centred inventor and an expert in observation. You're likely to be found listening into conversations and inventing processes and objects that make us better humans!

**Mostly Bs** You are a data driven inventor. You use data to your advantage to create brilliant inventions that we didn't even know we needed!

**Mostly Cs** Well goodness me! You're a natural born inventor - ideas come to you at all times of the day - maybe you even keep a notebook by your bed to capture them. Invention is simply in your DNA!