

## 1 THE WORLD'S LIGHTEST CARBON FIBRE WHEEL

Read **Partington's** story, and try spinning the carbon fibre wheel on display at the Innovation Wall.

What surprises you about this innovative wheel?

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What was significant about Partington's approach to design and manufacturing?

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## 2 EMPOWERING WOMEN IN SPORT

The **Zena Sport** Impact Protection Vest is designed to prevent injury to female athletes during high impact sports. Read Zena Sport's story on the Innovation Wall to learn more about the need for this product. *Discuss the following with your peers.*

### Connect, Extend, Challenge.

- Connect: how is the story connected to what you already know?
- Extend: what new ideas did you get that broadened your thinking or extended it in different directions?
- Challenge: what challenges or puzzles emerge for you?

## 3 MAKING SPORT ACCESSIBLE

Paralympic champion **Richard Coleman's** wheelchair is on display in the Origins exhibit. Read his story and consider how sporting equipment helps make sport more inclusive.

### I used to think... Now I think...

I used to think \_\_\_\_\_

\_\_\_\_\_

Now I think \_\_\_\_\_

\_\_\_\_\_

## 4 OLYMPIC UNIFORMS

Learn about the **Opal's Body Suit** in the Game Changers exhibit. Using the body suit or another uniform as an example, imagine if you had designed it. *Discuss the following with your peers.*

- What are some important features of the look of the uniform? Why were these designed this way?
- What aspects influence the performance of the athlete? Why were these features designed this way?

## EXTEND YOUR LEARNING AFTER YOUR VISIT

- Think of a product that you use everyday and describe what makes it useful to you. How could you innovate on this product? What areas would you improve?
- Research an innovation in Paralympic sport. Find out more about the design and how it has made the sport more accessible.