**Student task: Robot challenge 5 switch**

**Task:**  **Learn how to make your robot decide what to do out of different choices by using a switch block**

**Instructions:**

1. Watch the Switches Powerpoint through to slide 3
2. Collect your copy of the Switches Challenge Worksheet.
3. Work at your own pace through Challenges 1 and 2 (Slides 4 and 6).As your teacher for help if you need it
4. Once you have completed the Challenges look at the solution slides.
5. Did you use the same solution? Could yours be improved based on the suggested solution.
6. Close lesson

**Syllabus outcomes**:

 MA4-1WM, MA4-2WM, MA4-3WM, SC4-WS6 SC4-WS7.1 a and e, SC4-WS7.2 d, SC4-10PW PW1 a and b

***Success checklist:***

**Have you...**

1. Learned how to make your robot decide what to do out of different choices Learned how to use a Switch Block
2. Completed the challenge 1 and demonstrated to your teacher
3. Completed the challenge 2 and demonstrated to your teacher
4. Experiment with different options in using a switch