**Task:**  **STUDENT TECHNICAL RESEARCH**

**Instructions:**

1. Students are to continue researching their ideas concerned with their robot.

2. Students are to complete the technical research task consider the type of robot they want, how the robot is to be controlled, what movements options are necessary for the robot to carry out its designed purpose, power source and materials. This information will help them complete their robot profiles.

3. Students may want to video part of their discussions to include in their video presentation.

**Syllabus outcomes**:

\* Technology : 4.2.1 , 4.2.2 , 4.5.2

\* Science : SC4 - 5WS , 6WS , 8WS , 9WS

\* Mathematics : MA4 - 1WM , 2WM , 3WM

***Success checklist:***

1. **Complete technical research worksheet**
2. **Our group is exploring different design ideas for the robot, including:** 
   * **its function**
   * **method of movement**
   * **power source**
   * Materials
3. Interact and use the material science games to apply your understanding of material properties.