



Robotics social club

Session schedule

The following session schedule and learning process supports student learning and remains constant across all robotics social club sessions. However, the content changes depending on each robotics challenge and the matching Personal and Social Capability teamwork skill.

Session element	Steps
Introduction 5 minutes	<ol style="list-style-type: none">1. Introduce the visual schedule of the session, e.g.<ul style="list-style-type: none">• Introduction• Planning• Robotics Challenge• Halfway Monitoring• Evaluation & Pack Up2. Briefly outline or review the club rules (refer to the rules poster).3. If necessary, facilitate formation of new teams and record new team and robot names.4. Play the short robotics challenge video for students.
Planning 10–15 minutes <i>What does it look like?</i> <i>How can I achieve this?</i>	<ol style="list-style-type: none">1. Briefly introduce the specific teamwork skill, learning intention, and success criteria (refer to the student reflection sheet and/or teacher monitoring chart).2. Demonstrate/model the skill, e.g. through roleplay or giving examples of language. You may choose to demonstrate meeting or not meeting the success criteria.3. Students evaluate the teacher against the success criteria.4. Students generate their own demonstration or examples of how to meet the success criteria, e.g. through a 'think, pair, share' activity. Use discretion as to whether students are ready to demonstrate in front of the group.5. Depending on the robotics challenge, you may choose to prompt students to use the robot design process to plan their robotics challenge before beginning working time (if so, add 5 minutes to planning time).





Session element	Steps
<p>Robotics challenge and monitoring</p> <p>45–55 minutes</p> <p><i>Pause for student monitoring halfway through working time: What am I doing well? What do I need to keep working on?</i></p>	<ol style="list-style-type: none">1. Teach programming content if necessary, referring to programming videos as needed.2. Give students working time. Students complete the robotics challenge in their teams, and teachers implement effective strategies to support students' learning of the teamwork skill, e.g. growth mindset; prompting; praise and positive reinforcement. Refer to the teacher reflection as a reminder.3. Throughout the working time, use the monitoring chart and positive reinforcement system for successful demonstration of success criteria.4. Pause for student monitoring halfway through the robotics challenge working time. Students complete the success criteria rubric and identify what they are doing well and what they can improve on.5. If parents have been invited, they may be present for approximately last 30 minutes of session (last 20 minutes of robotics challenge time).
<p>Evaluation and pack up</p> <p>15 minutes</p> <p><i>What did I do well? What do I need to keep working on next time?</i></p>	<ol style="list-style-type: none">1. At the end of the session, students once again complete the success criteria rubric, reflecting on what they did well and what they can improve on next time. Support students to self-reflect on their demonstration of teamwork skills.2. Refer to the monitoring chart and positive reinforcement system to praise and provide feedback to specific teams and students. Invite students to give positive and constructive feedback to peers.3. Pack up.4. Advise students of the robotics challenge for the next session, providing them with something to think about to help them prepare for the next session.

