Natural disasters can occur at any time and as global citizens we need to ensure we are adequately prepared. The CFA and SES are calling on students to investigate how robots could assist and support people and animals in a rescue situations.

In Bot Rescue students are to design a robot that could be used to gather Intel, deploy emergency supplies, rescue humans or perform other tasks in a disaster relief situation. Students will also create a 3 – dimensional natural disaster scenario environment for their robot to navigate through.

STUDENT OUTCOMES
- Interpret the design brief.
- Design and build a robot to assist in an emergency. The robot may collect Intel, move livestock, drop off supplies, clear debris, rescue people or animals or perform other functions.
- Reflect on processes and results.
- Create a presentation to share the results of the collaborative project.

MAIN CURRICULUM FOCUS
- Science
- Mathematics
- Digital Technologies
- Design & Technologies

LINKS TO STUDENT CAPABILITIES
- Critical & Creative Thinking
- Ethical
- Personal and Social