



DETERMINING A PROBLEM STATEMENT

What problem do you want to solve?

By now, you will have discussed many problems associated with preventing, tackling and recovering from bush fires. Now it's time to focus on a single challenge to invent a solution for.

Your teacher will allocate one of the following eight broad challenges to each pair or group, then ask you to agree amongst yourselves (with a vote if necessary) which topic or topics to work on.

1. Stop fires happening in the first place

- Ignition sources
- Accidental fires
- Arsonists
- High danger periods

2. Stop fires spreading

- Backburning and containment lines
- Firefighting
- Vehicles and aircraft
- Communications

3. Make sure everyone is well prepared

- Education
- Bush fire plans
- Community activities
- Communications and events

4. Let people know a fire is coming

- Alerts and warnings
- Communication technology
- Automatic systems
- Correct procedures



Level 2 WORKSHEET



5. Keep firefighters safe

- Clothing
- Vehicles
- Equipment
- Remote control firefighting

6. Tackle fires in inaccessible areas

- Aviation
- Fire trails
- Pre-installed systems
- Remote control firefighting

7. Help people who can't help themselves

- Hospitals
- Disabled or sick
- Those with special needs
- Communications

8. Rebuild fire-ravaged communities

- Temporary accommodation
- Counselling and support
- Fundraising
- Relocation

The objective is to 'determine the problem' by coming up with single statements that clearly articulate the problems/challenges to be solved.