

WILDFIRE

My wildfire assignment

The projects on this page will help you understand how wildfires are caused, the devastations communities face, ways to survive during a wildfire and how to better prepare your home and family should you be caught in one. The projects allow you to share your findings and creativity with your class, teacher and family.

Are you in a wildfire prone region?

In this project, you should research the wildfire history in your region.

You can search newspaper articles, ask community members, research the internet and contact your local rural fire service or Cairns Regional Council:

- ▶ https://ruralfire.qld.gov.au/Fire_Safety_and_You/Prepare.Act.Survive/Index.asp
- ▶ <http://www.cairns.qld.gov.au/building-planning-and-infrastructure/planning-schemes/cairns-region-planning-scheme/draft-scheme-mapping>

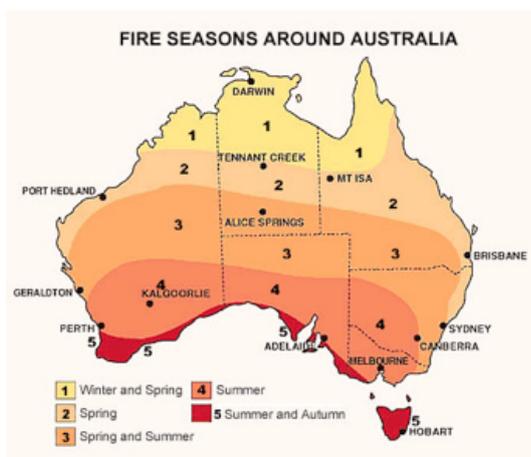
What are some precautionary steps that you can take to minimise the causes and spread of a wildfire?

Create an interactive map

Design an interactive map that highlights some of Australia's most disastrous fires.

Before you start on your project, think about some interactive resources you can use (small 3D images, flaps, questions, trivia, making it a game).

Share your map with your class and teacher



This map shows that northern Australia's wildfire season is during winter and spring, for central Australia it is spring and summer, and for southern Australia it is summer and autumn.

You can use your map to also show what season is the most active for wildfires where you live. Think about what sorts of conditions would be needed to create wildfires in the Cairns region.

Research a major wildfire occurrence in Australia

Use different sources to research wildfires and your chosen fire. Use your library or classroom resources:

- ▶ Books
- ▶ Newspaper articles about the event
- ▶ Your local museum
- ▶ Internet
- ▶ Community members and your family.

In your project, you may want to highlight:

- ▶ Where the fire started and what caused it?
- ▶ Where it spread to?
- ▶ Was someone responsible for the fire? If so, what happened to them? Were there consequences?
- ▶ What damage did it cause?
- ▶ How long did the fire burn for?

These are just some points that you can use in your project.

Present the project to your teacher and share it with your class and family.

Source:

Australian Government Attorney General's Department, Australian Emergency Management institute, Bushfires. Available via: <https://schools.aemi.edu.au/bushfire/about-bushfires>

Curriculum links

3	Science	ACSHE050: Science as a Human Endeavour: Nature and development of science	Science involves making predictions and describing patterns and relationships
4	Science	ACSSU075: Earth and Space Sciences Nature and development of science	Science involves making predictions and describing patterns and relationships
		ACSHE062: Science as a Human Endeavour; Use and influence of science	Science knowledge helps people to understand the effect of their actions
5	Geography	ACHGK030: Geographical Knowledge and Understanding	The impact of wildfires or floods on environments and communities and how people can respond
6	Science	ACSSU096: Science Understanding; Earth and Space Sciences	Sudden geological changes or extreme weather conditions can affect Earth's surface
		ACSHE098: Science as a Human Endeavour; Nature and development of science	Science involves testing predictions by gathering data and using evidence to develop explanations or events and phenomena
		ASHE099: Science as a Human Endeavour; Nature and development of science	Important contributions to the advancement of science have been made by people from a range of cultures
		ACSHE100: Science as a Human Endeavour. Use and influence of science	Scientific understandings, discoveries and inventions are used to solve problems that directly affect peoples' lives