

The West Australian

Tuesday May 30, 2017



Read the feature topic about solar power in today's *ED!* Magazine and complete some of the activities below.



- What does the story say about the amount of sun Western Australia, and particularly Perth, receive?
- What would happen to life on earth if there was no sun?
- Is the sun a renewable or non-renewable energy source?
- What are photovoltaic (PV) solar cells?



- Read '**six great reasons to go solar**'. What do you think is the most important reason to use solar power? Does your house have solar power? Do you think your family would consider it?
- Search '**2017 Synergy Schools Solar Challenge**'. Find out who can get involved, what they have to do and how it links to science and other school subjects.



- Why are our energy sources of such concern to governments and individuals?
- Read 'The (sunny) sky's the limit'. Choose one example of solar power technology. Find out more and create an advertisement encouraging householders to purchase that product.



- Complete some research to find out more about renewable and non-renewable energy sources. Choose five different energy sources and complete a PMI chart. Which one would you choose and why?



- Design your own solar car. Find out the requirements and work in a group to come up with a design that is powered by the sun.