

# CREST

## GOLD CREST PROJECT IDEAS

The projects below might give you some ideas for your own Gold CREST Award topic.

Students undertaking a Gold CREST Award must submit a detailed project proposal to the National CREST Office before starting the main component of their project work. Students will receive detailed feedback about their project and its suitability to help them achieve a Gold CREST Award.

In Gold CREST Awards, students often use a combination of science and technology skills and processes.

### *SCIENCE RELATED PROJECTS*

Students have completed Gold CREST awards by:

- researching smoked water and native flora
- investigating the effect of EMR on lymphocytes
- studying the possible uses of allopathic chemicals extracted from Tallowood trees.

### *TECHNOLOGY RELATED PROJECTS*

Students have completed Gold CREST awards by designing:

- a smartphone app that helps emergency services
- Prototyping possible assistive methodologies for complete quadriplegics
- a lifting device for the physically disadvantaged
- an automatic distress system for water craft
- a spectroscope for observing solar prominences
- an easy-to-ride four wheeled vehicle
- a reservoir regulator
- a remote-controlled spotlight for 4WD vehicles.