



Creativity in Research, Engineering, Science and Technology (CREST)

About

CREST enables both primary and secondary students to experience open-ended research in science and/or technology and engineering through a non-competitive competency-based awards program.

CREST provides activity resources for students to complete structured and guided STEM inquiries and supporting material for students progressing onto open inquiry investigations and projects. Support to teachers is provided through written materials, including activities, checklists and rubrics accessed via CREST Online, as well as teacher professional learning.

CREST Awards are non-competitive, and competency-based, recognising student achievement in scientific inquiry.

Costs

An initial school registration fee of \$55 provides access to all levels of CREST.

An annual cost of \$20 keeps registration current for a calendar year. There is an additional cost for each Advanced CREST award; Silver \$10 and Gold \$20.

The cost for Advanced awards is inclusive of medallions. Intermediate medallions are optional at a cost of \$5 each.

Award recognition

Awardees receive an eCertificate (all CREST levels) and medallions (Intermediate and Advanced CREST levels).

Award levels

There are 6 CREST awards levels within three categories for Foundation to Year 12:



INTRODUCTORY

GREEN	ORANGE
Structured	Guided

INTERMEDIATE

BLUE	BRONZE
Open	Open

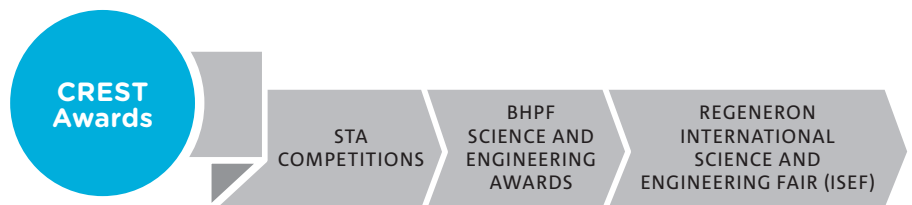
ADVANCED

SILVER	GOLD
Open + innovative (Either original or unique real-world application)	Open + innovative (Both original and unique real-world application)



Award pathway

CREST investigations and projects can be entered into local Science Teacher Association competitions. Intermediate and Advanced CREST entries may also progress onto the national competition, the BHP Foundation Science and Engineering Awards, or even further to the Regeneron International Science and Engineering Fair (ISEF).



CREST activities available via CREST Online include:

STRUCTURED

GREEN ACTIVITIES

- Investigating sunscreen (science)
- Investigating flight (science)
- Investigating packaging (technology and engineering)
- Investigating building blocks (mathematics)

GUIDED

ORANGE ACTIVITIES

- Investigating UV protection (science)
- Investigating flight (technology and engineering)
- Investigating packaging (technology and engineering)
- Investigating water filtration (technology and engineering)
- Investigating sunscreen – body surface area (mathematics)

OPEN

BLUE STIMULUS MATERIAL

- Investigating food waste
- Investigating tides
- Investigating water pollution

As Australia's national science agency and innovation catalyst, CSIRO is solving the greatest challenges through innovative science and technology.

CSIRO. Unlocking a better future for everyone.

Contact us

1800 363 400
csiro.au/contact
csiro.au

For further information

Creativity in Research, Engineering, Science and Technology
 CREST
 1800 626 646 | crest@csiro.au
csiro.au/CREST
crest.csiro.au/CrestOnline/