



Creativity in Science and Technology Awards Scheme

# Invitation to CREST

**Are you interested in learning more about CREST?**

**Are you interested in giving your students:**

- **Authentic experiences** in technological practice or scientific investigation;
- Opportunities to **work with consultants and experts** from industry;
- Opportunities to **carry out projects** focussed on finding creative solutions to practical problems that are of real significance in their lives;
- **Time** to work at their own **pace** and to their own **potential?**

**Do you want your students to:**

- Develop **enterprise** and **entrepreneurial** skills;
- Be encouraged and rewarded for **creative** and **innovative** thinking;
- Practise **goal-setting** and **problem-solving, risk-taking** and **perseverance**;
- **Reflect** and **self evaluate**;
- Develop **social, environmental** and **financial** awareness;
- Consider questions of **sustainability, environmental impact, ethics, social responsibility** and **fiscal responsibility**;
- **Apply knowledge** in seeking practical solutions;
- **Communicate** effectively;
- **Be innovative, lateral thinkers**, open to new concepts and ideas;
- Use **Inquiry Learning?**

**Do you want to:**

- **Involve** your students' **families** and **local communities**;
- Create an interest in **careers** your students may not have even previously known of;
- Introduce your students to excellent **role models** and **mentors**;
- Utilize a **multi purpose** programme;
- Deliver an exciting science or technology **programme**;
- **Integrate** the curriculum;
- Become involved in **science and technology fairs**;
- Be supported in your **pedagogical practise**?

**Do you need to deliver on NAG 1**

- **Providing programmes** for students who are not achieving or at risk of not achieving;
- Having Special Needs students-including **gifted and talented** students
- Being **Culturally inclusive**
- Providing appropriate **careers education**?



**CREST can help you.....**

CREST is a **nationwide** awards scheme for Year 6-13 students (and possibly younger if identified as G+T)

**There are four progressive project stages in CREST:**

<b>The CREST programme</b>			
<b>Years 6-8</b>	<b>Years 9-10</b>	<b>Years 11-12</b>	<b>Years 12-13</b>
<b>First CREST</b>	<b>Bronze</b>	<b>Silver</b>	<b>Gold CREST</b>
<b>Team First</b>	<b>Team Bronze</b>	<b>Team Silver</b>	

**First CREST** and **Team First CREST** are *practical* project work for students usually at the Year 6-8 level.

**Bronze CREST** and **Bronze Team CREST** are awards for *independent* projects for students at the Year 9-10 level.

**Silver CREST** and **Silver Team CREST** are awards for *challenging* projects for students usually at the Year 11-12 level.

**Gold CREST** awards are for *advanced* projects for students at the Year 12-13 level.

Thus students begin with small entry-level projects and build up to large research or technological practice projects that can take up to 18 months at Gold level, and have the potential for major new discoveries.

Students are able to showcase their completed projects at regional science and technology fairs and national science and technology competitions.

**You are invited to send an Expression of Interest about attending a CREST workshop—in your area.**

Please, RSVP to Jessie McKenzie on attached Expression of Interest as soon as possible

for more information

Contact CREST RSNZ: email [jessie.mckenzie@royalsociety.org.nz](mailto:jessie.mckenzie@royalsociety.org.nz)  
ph 04 4705 789, or web site: [www.crest.org.nz](http://www.crest.org.nz)



# ATTENTION Jessie

## EXPRESSION OF INTEREST In attending a CREST Workshop

School: \_\_\_\_\_

School Address: \_\_\_\_\_

School Phone: \_\_\_\_\_

School Fax: \_\_\_\_\_

School email: \_\_\_\_\_

Teacher/s Interested (please include your name, personal school email address or phone extension number and year level currently teaching)


Please indicate (with a ✓) your preferences:

I would prefer a workshop to be run:

4-6pm		Term 1	
2:30- 4:30 pm		Term 2	
During the school day		Term 3	
Saturday		Term 4	
During a term break		Other?	

I am currently using CREST in my programme

I am interested in CREST and Gifted and Talented Programmes

Please either fax this sheet to: The Royal Society of New Zealand, 04 473 1841  
or post, to Jessie at: The Royal Society of New Zealand, P O Box 598, WELLINGTON 6140  
Or email: [jessie.mckenzie@royalsociety.org.nz](mailto:jessie.mckenzie@royalsociety.org.nz) or ring Jessie DD: 04 4705 789