BRITISH SCIENCE ASSOCIATION

CREST Awards

Silver Award

Student Profile Form

Student's name

Team Members' names (where applicable)

School/Organisation name

School/Organisation postcode

Project Title

Project Area (you may tick more than one):
☐ Science ☐ Design and Technology ☐ Engineering ☐ Maths

Project focus:
☐ **Research** – typically involves answering a question/hypothesis by collecting data from different sources. Data should be evaluated and used to provide evidence.

☐ **Investigation/Design and make** – typically involves planning and carrying out a practical investigation or solving a problem through design.

☐ **Science Communication*** – communicate something to an audience about a scientific subject: research your topic and audience, present your information and measure the outcomes (changes in behaviour or attitudes).
* This embodies the Science Communicators award scheme.

Visit **www.britishscienceassociation.org/crest** for more information about the different types of projects which can be recognised through CREST.

Mentor's name and organisation (where applicable):

CREST Awards are supported by:

RESEARCH COUNCILS UK

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we would also like to thank **Network Rail**

How to complete this form

- Use this Profile Form to help you plan your project and to record a summary of how you carried it out. This summary must be supported by a written report/portfolio of evidence/presentation slides. Make sure that you fully answer all questions relevant to your project (using a separate sheet if necessary). You may cross reference to a written report or portfolio of evidence.
- If you have worked on a team project you should clearly identify your individual contribution.
- A relevant project Mentor from business, university or a similar organisation is recommended. If you don't have a Mentor then your teacher/supervisor (or local CREST coordinator) can help you find one.
- Talk about each section with your Mentor and then ask them to add their initials when the section is completed. If you cannot find a Mentor then your teacher/supervisor can initial the Form.

1. Planning your project

a. How and why did you choose this project?
(If the project was chosen for you, please explain why you are interested in completing the project.)
b. What are your aims and objectives?
c. What are the key targets and deadlines to complete during your project?
d. What resources are available to help you?
e. What knowledge and understanding will you use in developing your project?
f. How will you know you have been successful?

Discussed with Teacher/Supervisor/Mentor: **Date:**

2. Project process

a. What research will you carry out?
b. What alternative ideas or approaches have you considered?
c. What ideas or approaches have you selected and why?
d. What do you predict as an outcome?
e. Explain the process that you will follow to complete the project.
f. How will you collect and record project data.
g. Are there any health and safety issues to consider? If so, how will these be minimised?
h. Will you require any training (e.g. to use resources safely)?

Discussed with Teacher/Supervisor/Mentor: Date:

3. Conclusion

a. How well did your project satisfy your aims?
b. Is your data reliable, valid and able to be used to support your conclusions?

Discussed with Teacher/Supervisor/Mentor: **Date:**

4. Analysing and evaluating

a. What problems did you encounter and how did you resolve them?
b. What decisions did you have to make whilst working on your project?
c. How could you have improved the way you carried out your project?
d. What were the limitations of your project?
e. What have you learnt from doing your project? What scientific, technical knowledge or communication skills have you gained?

Discussed with Teacher/Supervisor/Mentor: **Date:**

5. Implications and impact of your project

a. What environmental, social and commercial impacts and implications might your project have?
b. Does your project raise any ethical issues?

Discussed with Teacher/Supervisor/Mentor: **Date:**

6. Communicating your project work

– Organise a presentation about your project (5-10 mins)
– Decide who will be your audience and what you will need for it
[Attach a copy of any handouts or presentational materials to this profile]

a. Were your report/portfolio/presentation slides presentable and understandable to a reader not familiar with the subject? If not, why?
b. Did you have an opportunity to communicate your project to other students? Did you receive any feedback from them?
c. What did you learn by making this presentation?

Discussed with Teacher/Supervisor/Mentor: **Date:**

Project Summary (make sure it's no more than 150 words):

A project summary is required by the CREST organisers for events such as the Regional Big Bang Fairs. Summarise your project as clearly as possible with reference to:

- **The aim of your project**
- **How you approached your project**
- **The outcome/results**
- **Any problems you encountered and how you resolved them**
- **What you have learnt from doing this project**
- **Anything you did that you felt was special or unique**

Try to imagine that you are explaining your project to a member of the public who may not be familiar with the technical aspects of your project.

Discussed with Teacher/Supervisor/Mentor: **Date:**

Signature of Student: **Date:**

I confirm that this is the work of the named Student, signed *(Signature of Teacher/Supervisor/Mentor):*

Print name (and position) of Teacher/Supervisor/Mentor: **Date:**

Completed the CREST Silver Award?

You may now like to think about doing a CREST Gold Award.
Speak to your teacher/supervisor to find out more.

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