



Topic: How Scientists from Scotland, or working in Scotland have made a big difference to our lives.

Task- Summary break down

1. **To identify a topic**
2. **To research**
3. **To present your work**

Details

1. You need to research and report on Scottish Science. Find some Science being carried out in Scotland that interests you, or some Scottish Scientists working abroad. The work must have happened after World War 2 (WW2).
2. For the week beginning **Monday 13th January**, record on your template sheet who or what your chosen subject will be. Your teacher will tell you if it is suitable.
3. Hand in your work by **Friday 31st January** including the following:
 - a. Your Name
 - b. Your Register class
 - c. Which Scientist or Science topic you have researched,
 - d. An explanation of the Science studied (this must be Science and not social science etc.)
 - e. How is this Science relevant to us
 - f. What effect they have made on the environment or society
 - g. What future impact they may have on the environment or society
 - h. Where you got your information (include the sources)
 - i. Include some pictures or diagrams

The minimum length is one side of A4 paper, the maximum is 4 sides of A4 paper.

The person submitting the best piece of work will win the JUNIOR SCIENCE TROPHY

DEADLINES

One sentence on whom or what you plan to study: **Science period during week beginning 13th January**

Final document:

Wednesday 12th December

Homework Help

See your teacher if you need additional help or would like to attend a homework class to help get you started.

Possible sources of information

<http://www.bbc.co.uk/news/15812174>

<http://www.gov.scot/Topics/Business-Industry/science>

<http://www.gla.ac.uk/students/researcherdevelopment/threeminutethesiscompetition/scienceandengineering/>

<http://www.rsc.org/>

http://www.royalsoced.org.uk/cms/files/publications/directory/directory_nolist.pdf

For the link above it might be a good idea to start near the end (about p40), but make sure you choose a Scientist, not someone who is researching social or political trends.

<http://www.strath.ac.uk/research/researchnews/>

<http://www.sciencescotland.org/>

<http://www.educationscotland.gov.uk/resources/index.asp?id=world%20of%20work>

S1 Mark Sheet SCOTTISH SCIENCE

Pupil Name: _____ Register Class: _____

One sentence summary of your chosen scientist or science topic:

Evidence	Self-Assessment	Teacher-Assessment
It is a minimum of 1 side of A4 and max of 4 sides of A4		
A Post-war Scottish Scientist or Science has been chosen		
An explanation in simple language on what Science has been carried out is included		
A Brief statement on the relevance to Society or on the Environment has been provided		
At least 2 sources of information have been used from either books, the internet or personal discussion		
At least one current impact is explained using relevant and accurate Science is given		
Information about the future impact on society or the environment is given		
Presentation: clear and concise		
Presentation: pictures or drawings have been used		
Presentation: well-structured report		
The report has not been plagiarised		
All references are clearly shown in a reference section at the back		
References are mentioned in the text		

By signing here you agree that the work that you have completed is your own and not directly copied from books, the internet or other students

Signed _____

Parent of Guardian: _____

Teacher: _____

Title	Explanation of Scottish scientist/ procedure	Explanation of current impact	Explanation of future impact	Presentation (clear and concise)	Diagrams/ pictures	Well-structured	2 sources used and referenced