# 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:
   1. Your Name
   2. Your Register class
   3. Which Scientist or Science topic you have researched,
   4. An explanation of the Science studied (this must be Science and not social science etc.)
   5. How is this Science relevant to us
   6. What effect they have made on the environment or society
   7. What future impact they may have on the environment or society
   8. Where you got your information (include the sources)
   9. 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: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

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| **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: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

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| --- | --- | --- | --- | --- | --- | --- | --- |
| 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 |
|  |  |  |  |  |  |  |  |