

My Second Level Skills Passport

| Science Skills | I can statements | | | | Pupil/ teacher comments | Links with Literacy E's & O's | Links with Numeracy E's & O's | Links with Technologies E's & O's |
|----------------------------------|---|--|--|--|-------------------------|---|-------------------------------|---|
| Inquiry and Investigative Skills | I am beginning to formulate my own scientific questions based on observations and predictions | | | | | LIT 2-02a, LIT 2-07a, LIT 2-09b, ENG 2-17a | | |
| | I can understand fair testing and can identify Independent, Dependent and Control variables | | | | | LIT 2-04a, LIT 2-09a, LIT 2-25a | | TCH 2-01a |
| | I can identify potential dangers in an experiment | | | | | LIT 2-07a, LIT 2-09a, LIT 2-10a | | TCH 2-01a |
| | I can apply safety measures before carrying out a practical activity | | | | | LIT 2-02a, LIT 2-09a | | TCH 2-01a, TCH 2-13a |
| | I can contribute to all aspects of a procedure | | | | | LIT 2-09a | | TCH 2-01a, TCH 2-11a, TCH 2-13a, TCH 2-14b |
| | I can make observations , collect information and measurements using appropriate devices | | | | | | | TCH 2-13a |
| | I can present data/ information in a range of ways (tables/charts/diagrams/graphs) | | | | | LIT 2-02a, LIT 2-03a, LIT 2-07a, LIT 2-09a | | TCH 2-03a, TCH 2-04a, TCH 2-04b, TCH 2-13a, TCH 2-15a |
| | I can identify relationships between variables | | | | | LIT 2-04a, LIT 2-05a, LIT 2-06a, LIT 2-15a, LIT 2-18a | MNU 2-20b | |
| | I can make links with the aim and draw conclusions from the results | | | | | LIT 2-05a, LIT 2-06a, LIT 2-15a | MNU 2-11a | |
| | I can recognise unexpected results and suggest why these occurred | | | | | | MNU 2-20a, MNU 2-21a | |

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| Scientific and Analytical Thinking Skills | I can link my findings to my own experiences and discuss additional knowledge | | | | | LIT 2-04a, LIT 2-09a | | TCH 2-01a |
| | I can contribute to reporting on an experiment using a variety of media, using appropriate scientific vocabulary and acknowledge sources | | | | | LIT 2-09a | | TCH 2-03a, TCH 2-04a, TCH 2-04b, TCH 2-13a, TCH 2-15a |
| | I can sort and summarise what I have found out | | | | | LIT 2-09a, ENG 2-30a | | TCH 2-01a |
| | I can write a structured science report using appropriate headings | | | | | LIT 2-15a, LIT 2-25a, LIT 2-26a, LIT 2-28a, LIT 2-29a | MNU 2-20a, MNU 2-21a | |
| | I can apply what I have learned in new contexts | | | | | LIT 2-05a, LIT 2-07a, LIT 2-09a, LIT 2-15a, LIT 2-18a, LIT 2-19a, LIT 2-25a | | TCH 2-01a, TCH 2-14b |
| Skills and Attributes of Scientifically Literate Citizens | I can think of, and test , creative ways to solve problems in science | | | | | LIT 2-04a, LIT 2-05a, LIT 2-07a, LIT 2-09a, LIT 2-15a, LIT 2-25a | | TCH 2-02a, TCH 2-11a, TCH 2-14b |
| | I can talk and write about science subjects that I have researched | | | | | LIT 2-02a, LIT 2-06a, LIT 2-09a, LIT 2-25a | | TCH 2-01b, TCH 2-02a, TCH 2-03b, TCH 2-08a |
| | I can present a reasoned argument based on scientific research | | | | | LIT 2-04a, LIT 2-09a, LIT 2-25a | | TCH 2-01b, TCH 2-02a, TCH 2-03b, TCH 2-08a |
| | I can discuss the relevance of science in careers and my own future | | | | | LIT 2-07a, LIT 2-09a, LIT 2-16a, LIT 2-28a, LIT 2-29a | | TCH 2-01b, TCH 2-02a |
| | I can demonstrate awareness of how inventions and creativity in science impacts on society | | | | | LIT 2-02a, LIT 2-07a, LIT 2-08a, LIT 2-09a | | TCH 2-01b, TCH 2-02a, TCH 2-02b |

Links to Bloom's Taxonomy: **Remembering** **Understanding** **Applying** **Analysing** **Evaluating** **Creating**

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