

Features of an Investigation

Extended Experimental Investigation (EEI)

Decide on a question for investigation

Form hypotheses

Consider variables, reliability and fairness

Use equipment correctly and safely

Describe method used

Record data

INVESTIGATING
Students will..

Science in Society Investigation (SSI)

Choose a topic and research question

Find out and reference information from a number of balanced sources

Evaluate reliability of sources

Consider quality of information from sources

COMMUNICATING
Students will..

Present data appropriately

Describe the relationships between variables

Be creative in approach and presentation

Explain the impact of the topic on society and/or the environment

Present the investigation in a structured way using relevant scientific terminology

Explain different sides of the argument

KNOWLEDGE AND UNDERSTANDING
Students will..

Draw conclusions

Assess if their hypothesis has/has not been supported

Describe strengths and weaknesses of their investigation and suggest improvements

Evaluate the information

Link the information to the topic

Review the information using science explanations

Give a justified opinion

An tSraith Shóisearach do Mhúinteoirí

Junior**CYCLE**
for teachers