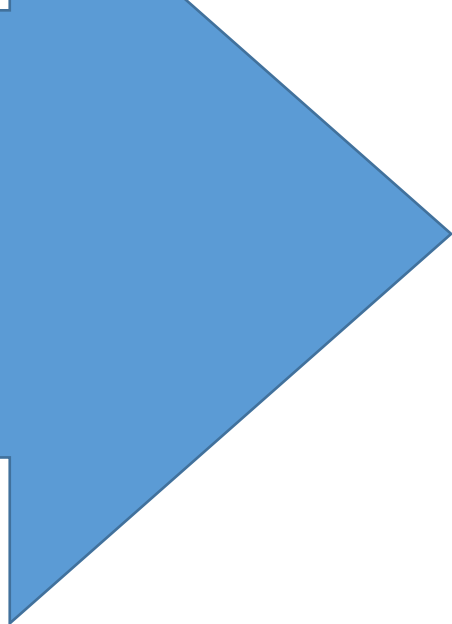


Developing Scotland's Young Workforce in Science

Broad General Education			Senior Phase		
Materials	Energy	Living Things	National 1	National 2	National 3
Plants	Electricity	Chemical Changes	Science in the Environment	Science in the Environment	Science
Space	Water	Humans	Personal Achievement Award	Personal Achievement Award	Environmental Science



...exploring how people use science and science skills as part of their lives and their job

Confidence

Build up knowledge in Science

Develop investigative skills

Plan and design experiments

Work fairly controlling variables

Make conclusions and evaluate experiments

Practise a range of measurements

Assess risks and hazards

Link Science knowledge to everyday life

Link learning in Science to health and well being

Collaboration

Work well with others

Take an active part

Talk about science in everyday life

Listen to what others think

Contribute during experiments

Carry out safe working practice

Respect living things

Respect the Environment

Discuss with others how an experiment is limited

Discuss with others how an experiment could be improved

Creativity

Ask questions

Offer suggestions

Make predictions on what might happen

Give reasons for the decisions you have made

Learn to observe details

Present information in many ways such as drawings, photographs, displays, simple charts

Link the inventiveness of Science to everyday life

Find out about the impact of science on society

Communication

Participate in discussions

Answer questions

Collect information using a range of devices and units

Record results in a suitable way

Report on scientific findings

Present information in tables, charts and diagrams

Draw conclusions from investigations by recognising similarities, patterns and differences in the findings

Present scientific findings to others