



# Learning Intentions

## Lord Kelvin



## Suggested Learning Intentions

We are learning to:

- explain how a temperature scale works;
- understand the differences between different temperature scales;
- recognise the contribution that Lord Kelvin made through his innovations;
- consider all the factors to make a decision; and
- listen to the opinions of others and be able to justify our own opinion.

## Curricular Links

The activities within this lesson will contribute to the following statutory aspects of the Northern Ireland Curriculum:

### Mathematics and Numeracy

#### Processes in Mathematics

Pupils should be enabled to:

- plan and organise their work, learning to work systematically;
- compare their ideas and methods of working with others; and
- recognise general patterns and relationships and make predictions about them.

#### Measures

Pupils should be enabled to:

- develop skills in estimation of temperature; and
- appreciate important ideas about measurement including the continuous nature of measurement and the need for appropriate accuracy.



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### Thinking Skills and Personal Capabilities

#### Managing Information

You should help your pupils discover how to:

- select, classify, compare and evaluate information.

#### Thinking, Problem-Solving and Decision-Making

You should help your pupils discover how to:

- justify methods, opinions and conclusions.

#### Being Creative

You should help your pupils discover how to:

- make new connections between ideas/information.

## Key Words

- thermometer
- scale
- Kelvin
- Celsius
- Fahrenheit
- absolute zero
- upper fixed point
- lower fixed point
- standardised
- calibration
- freezing point
- boiling point