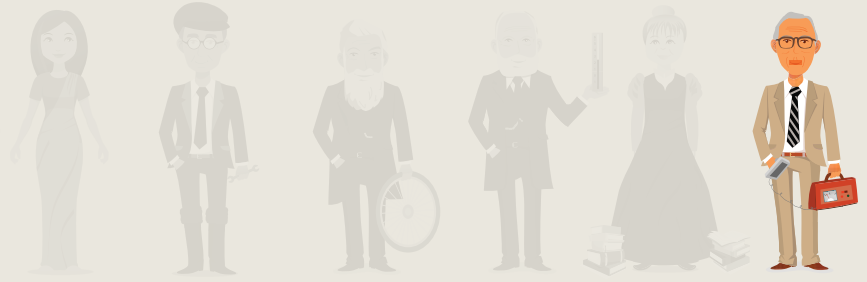




# Learning Intentions

Professor Pantridge



## Suggested Learning Intentions

We are learning to:

- appreciate the contribution that people can make with innovative ideas;
- understand how the circulatory system works;
- work in a team to get a task done;
- appreciate the importance of exercise to keep our hearts healthy; and
- record and analyse data.

## Curricular Links

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

### Mathematics and Numeracy

#### Handling Data

Pupils should be enabled to:

- collect, classify, record and present data drawn from a range of meaningful situations; and
- understand, calculate and use the mean and range of a set of discrete data, using graphs, tables, diagrams and ICT software.

### Personal Development and Mutual Understanding

#### Personal Understanding and Health

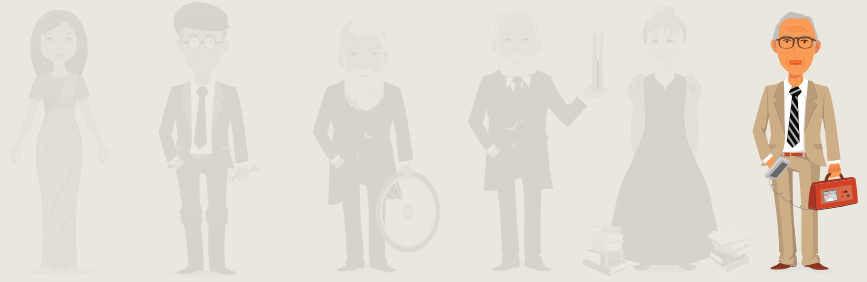
Teachers should enable pupils to develop knowledge, understanding and skills in:

- how to sustain their health, growth and well-being and coping safely and efficiently within their environment.



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## Physical Education

### Athletics

Pupils should be enabled to:

- record and analyse personal performance in a variety of ways.

## The World Around Us

### Interdependence

Pupils should be enabled to explore:

- how they and others interact in the world; and
- the effect of people on the natural and built environment over time.

## Thinking Skills and Personal Capabilities

### Working with Others

You should help your pupils discover how to:

- take personal responsibility for working with others and evaluating their own contribution to the group.

## Assessment for Learning Idea

### Feedback

For feedback to improve learning, pupils need to know three key things:

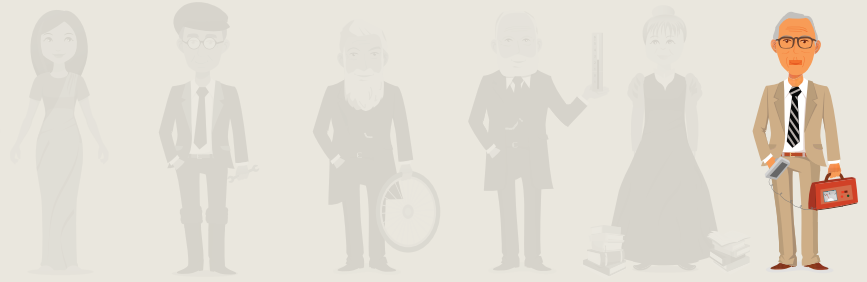
1. where they currently are in their learning;
2. what their next steps are; and
3. what improvements they need to make.

Ask children to complete a self assessment exercise at the end of the lesson to identify these points. Alternatively write the points on the board and fill in as a group activity.



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## Key Words

- defibrillator
- circulatory system
- veins
- arteries
- pump
- muscle
- oxygenated blood
- deoxygenated blood
- exercise
- duration
- hydrated
- pulse rate
- heart rate