



www.STEMGlasgow.co.uk

STEM in Context

Queen Elizabeth University Hospital





**SCIENCE
TECHNOLOGY
ENGINEERING
MATHEMATICS**

Education and Training
Strategy for Scotland





What is 'STEM in a Context'?

STEM in a Context' is a series of CLPL session that will explore the various ways in which the science experiences and outcomes can be incorporated within a variety of common primary contexts whilst further developing scientific enquiry skills through practical activities.



What is 'STEM in a Context'?

To give something context you take a scientific theory and link it to both the physical world and practical activities which in turn provides the rationale for learning. This also makes it easier to introduce a lesson or topic that makes sense to learners.



Bundling Experiences and Outcomes

‘Group E’s and O’s together in ways which best suit learners. Do not plan for individual E’s and O’s or ‘tick off’ E’s and O’s separately.’

HM Inspectorate

‘Relate relevant learning experiences and skills development to the labour market and employment opportunities including entrepreneurship and self-employment.’

3 – 18 Career Standard



QEUH

5 Activities that will focus on how to deliver the experiences and outcomes on:

Electricity

Magnets

Technological Developments





Dr Who?

Identify the position of the major organs and bones within the skeleton.



SCN 1-12a

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Operating Theatre

Combine simple components to make a circuit.



SCN 1-09a/2-09a
TCH 1-09a/ 2-09a

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I see, I think, I wonder

Describe, discuss and explain the images.



SCN 1-20a/2-20a
LIT 1-02a/ 2-02a

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Help the Pharmacist

Use magnets to demonstrate that opposite poles attract.

SCN 1-08a/ 2-08a
TCH 1-09a/ 2-09a



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Magnetic Breakfast

Investigate the nutrients in different foods.



SCN 1-08a / 2-08a
HWB 1-30a/ 2-32a

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Circuits SOS

Investigate the conductivity of different materials.



SCN 1-09a/ 2-09a
TCH 1-10a/ 2-10a

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Diagnosis, No Murder!

Identify and describe the medical equipment used in healthcare.

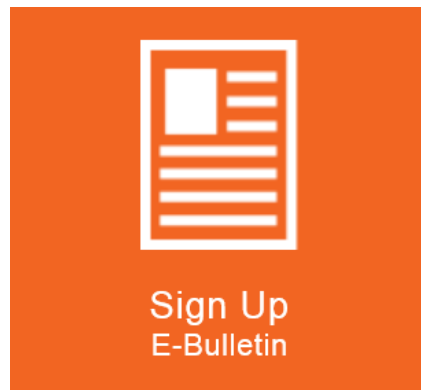


TCH 1-05a
TCH 1-07a

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