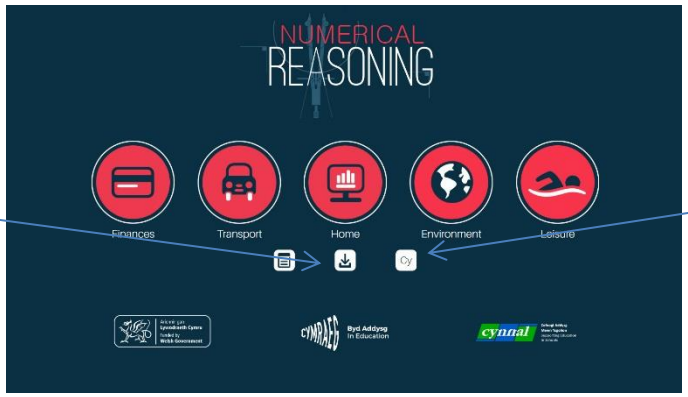
Numerical Reasoning

This is an interactive on-line resource which develops reasoning skills for students aged 11-14 and students aged 14-16. The multi-platfform HTML resource allows users to use any computer system / device which has a modern browser.

On launching the Resource the user will see the front page with three contexts:

1. Finance
2. Travel
3. Home
4. Environment
5. Leisure

Download



Select Language

Users can change language on any page throughout the resource without navigating away from the current page.

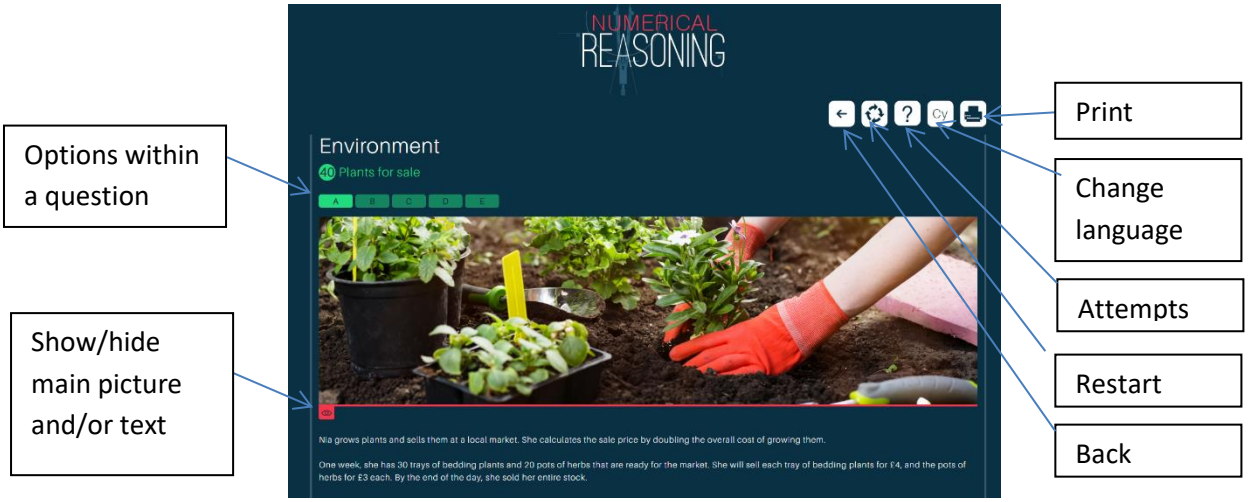
On deciding the option, the user will see a list of 50 questions within the contexts, questions 1-25 for students aged 11-14 and questions 26-50 for students aged 14-16. These questions are based on the WJEC Specification for the foundation, intermediate, and higher levels.

Select level:
Foundation
Intermediate
Higher

Question Page

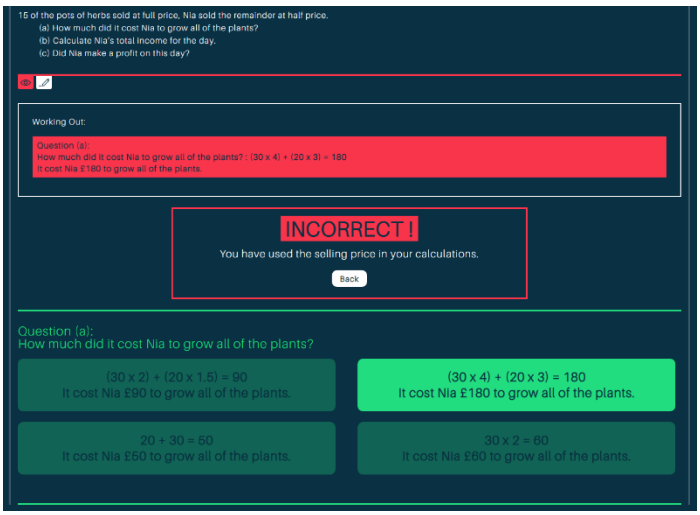
Once the question is selected, the user will be taken to the opening page.

There are five options within each question which can be selected using the tabs labelled A-E at the top of the page. The options maintain the structure of the question, but have different numbers.



By working through the questions, the user will learn how to answer the questions with structure, which will encourage confidence to answer problem solving type questions through reasoning.

On some occasions, when users will select an incorrect answer to the sub questions, a message will appear saying they have made a mistake and to go back. On other occasions, users will continue along an incorrect path before they reach a point which will take them back to start the question again.



There is a 'clue' button on some occasions where users can be provided with guidance.

The resource will allow users to proceed even though the option may be incorrect.

Once the correct options are selected and the overal answer is also correct the user will receive a message congratulating them on their success.

A record of the steps taken

If you have any comments on the resource please e-mail:
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