1 of 1 The National Strategies | Primary Overcoming barriers in mathematics – helping children move from level 1 to level 2

Carroll diagram

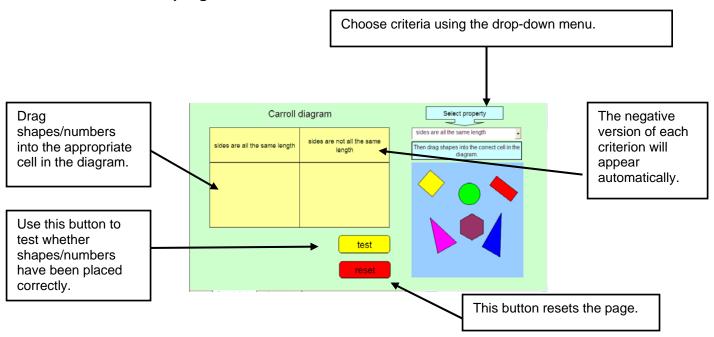
Overview

This program gives children opportunities to discuss, agree and test where to place given shapes/numbers on Carroll diagrams. There are two versions:

- classifying 2-D shapes using one criterion
- classifying numbers using one criterion.

Children select properties to use from a drop-down menu. The program allows children to test whether all the shapes they have placed are placed correctly.

How to use the program



Microsoft product screen shot(s) reprinted with permission from Microsoft Corporation

Key questions and prompts

- Where should this shape/number be placed? Why?
- Explain why you placed this shape/number in this cell.
- Describe some of the properties of this shape/number.
- What is the same/different about these two shapes/numbers?
- Can you select a property that allows you to place number 3 and 4 (or the square and rectangle) in the same cell?
- Can you select a property that allows you to place number 3 and 4 (or the square and rectangle) in different cells?