

## COLOURS, SHAPES & SIZES:

Choose the right colour, shape or size with this collection of attractive activities to support early numerical skills. With scanning or tracking options, bright, clear graphics, speech support, assessment records, worksheets and switch access. Twelve exercises with a choice of ten scanning time delays and five tracking speeds.

This title is suitable for ages 3 – 6 mainstream or older special needs and may be used on PC's, including those with touch screen monitors, or on Interactive Whiteboards.

## CONTENTS:



The exercises may be completed in any order. Anticlockwise from the top left:-

**EXERCISE 1:** Colours – red, blue, green, yellow, orange, pink, brown, purple, grey, black and white. Select a named coloured box from a choice of 4 – Example question - Which is the red box?

**EXERCISE 2:** Colours – red, blue, green, yellow, orange, pink, brown, purple, grey, black and white. Select a named coloured object from a choice of 3 – Example question - Which is the green jumper?

**EXERCISE 3:** Colours - red, blue, green, yellow, orange, pink, brown, purple, grey, black and white. Select an unnamed coloured object from a choice of 3 – Example question - Which one is is blue?

**EXERCISE 4:** Shapes – Choose from 3, 4, 5, 6, 7 and 8 sides or corners. Level 1(Default) - Select the correct shape from a choice of three the same colour – Example question – Which shape has 3 sides?

EXERCISE 5: Shapes – straight and curved. Level 1(Default) - Select the correct shape from a choice of three the same colour – Example question – Which shape has straight sides?

EXERCISE 6: Shapes – circle, oval, triangle, square, rectangle, pentagon, hexagon and octagon. Level 1(Default) - Select the correct shape from a choice of three the same colour – Example question - Which is the circle? Level 2 – three shapes of different colours.

EXERCISE 7: Shapes – circle, oval, triangle, square, rectangle, pentagon, hexagon and octagon. Level 1 (Default) - Select the correct shape to fit in the hole from a choice of four the same colour. Level 2 – four shapes of different colours. Example question – Which shape fits in the hole?

EXERCISE 8: Shapes – circle, oval, triangle, square, rectangle, pentagon, hexagon and octagon. Level 1 (Default) - Select the odd one out from a choice of 4 shapes the same colour. Level 2 – four shapes of different colours. Example question – Which shape is the odd one out?

EXERCISE 9: Shadows – various including animals and household objects. Select the correct shadow to match a coloured object from a choice of 3. Example question – Which two match?

EXERCISE 10: Shadows - various including animals and household objects. Select the correct coloured object to match a shadow from a choice of 3. Example question – Which two match?

EXERCISE 11: Sizes – biggest, smallest, longest, shortest, tallest, shortest, thickest, thinnest, widest and narrowest. Select the correct size from a choice of three – Example question – Which is the longest train?

EXERCISE 12: Sizes – big, small, long, short, tall, short, thick, thin, wide and narrow. Select the correct size from a choice of two – Example question – Which is the big drum?

Each screen has a corresponding worksheet that may be used electronically or printed for use away from the computer.

#### CORRECT AND INCORRECT RESPONSES:

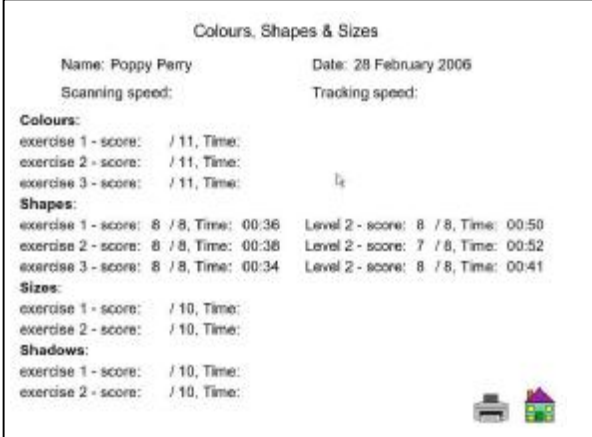
The user must select the correct image to advance to the next question and complete the exercise. The words ‘Well done’ and a little tune reward a user who answers all the questions in an exercise correctly.

Selecting an incorrect image causes it to disappear for a brief while. There is no associated noise to draw attention to anyone who finds it difficult to grasp the concepts

involved. The words 'Try again' prompt a user who fails to get all the questions right to repeat the exercise if desired.

### ASSESSMENT RECORDS:

The program records the score and the amount of time taken to complete an activity. (other than the worksheets). Click on 'assessment' for the printable assessment record.



Colours, Shapes & Sizes			
Name: Poppy Perry		Date: 28 February 2006	
Scanning speed:		Tracking speed:	
<b>Colours:</b>			
exercise 1 - score:	/ 11, Time:		
exercise 2 - score:	/ 11, Time:		
exercise 3 - score:	/ 11, Time:		
<b>Shapes:</b>			
exercise 1 - score:	8 / 8, Time: 00:36	Level 2 - score:	8 / 8, Time: 00:50
exercise 2 - score:	8 / 8, Time: 00:38	Level 2 - score:	7 / 8, Time: 00:52
exercise 3 - score:	8 / 8, Time: 00:34	Level 2 - score:	8 / 8, Time: 00:41
<b>Sizes:</b>			
exercise 1 - score:	/ 10, Time:		
exercise 2 - score:	/ 10, Time:		
<b>Shadows:</b>			
exercise 1 - score:	/ 10, Time:		
exercise 2 - score:	/ 10, Time:		

### GENERAL USE:

Click on the correct answer to activate a response in the default setting. All ten exercises also have a scanning option for single switch access (see SWITCH ACCESS below). Alternatively, the user may use the space bar to select a highlighted object and activate a response.

Shapes exercise 2 may also be operated using the 'drag and drop' method.

Colours exercise 2 and 3 and Shapes exercise 1 also have a tracking option with a choice of 5 tracking speeds to encourage mouse control or eye to hand co-ordination.

Please note that the scanning and the tracking options cannot be activated at the same time.

### SWITCH ACCESS:

The Teacher Option page allows the user to choose from 1 to 10 scanning delay speeds for switch access. The default setting (or clicking '0') enables teacher controlled demonstration without scanning. Alternatively, the user may use the space bar to select a highlighted object and activate a response.

## INSTRUCTIONS:

### THE TEACHER OPTION PAGE:



Click on the green arrow on the Title and Credits page to open the Teacher Option page.

- Type the user name (up to 22 characters without spaces) into the box. The name will appear on the assessment records and the worksheets.
- Left click on the 'music off' button if the music is not required.
- Left click on 'instructions' to access the instructions.
- Left click on one of the scanning speed buttons to activate the scanning option.
- Left click on one of the tracking speed buttons to activate the tracking option where applicable.
- Left click on level 2 of the shapes option to alter the default same colour setting.
- Left click on 'Corners' or 'Sides' to choose an option.
- Left click on 'START' to access the main menu page.

Please note that the scanning and tracking options cannot be activated at the same time.

### THE MAIN MENU PAGE (see Picture for CONTENTS):

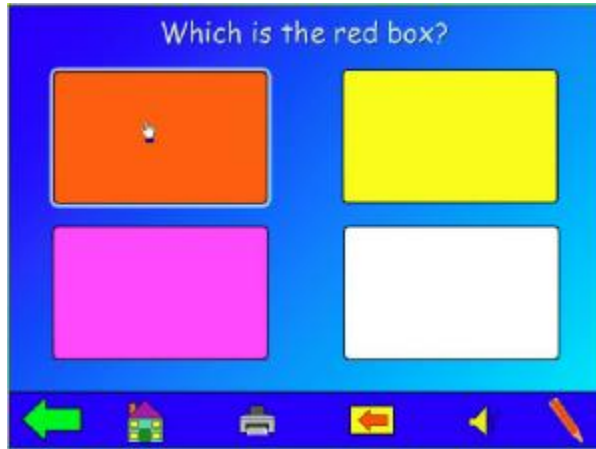
Using a mouse:

- Left click on one of the screen shots to access an exercise.
- Left click on the door icon to exit.
- Left click on 'assessment' to access the assessment record.
- Left click on the small arrow to return to the Teacher Option page.

Using switch control:

- Press the space bar or programmed switch control to activate the highlighted screen shot of an exercise.

THE EXERCISES:



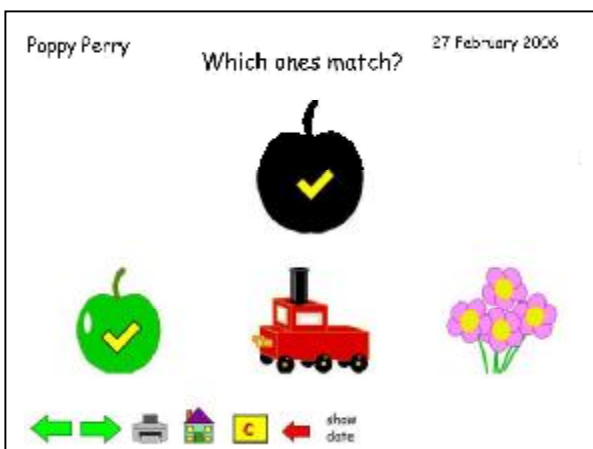
Using a mouse:

- Left click to select an object.
- Left click on the green arrow to return to the previous screen.
- Left click on the house icon to return to the menu.
- Left click on the printer icon to print the screen.
- Left click on the red arrow to repeat the exercise.
- Left click on the sound icon to turn the music off.
- Left click on the pencil icon to access the corresponding worksheet.

Using switch control:

- Press the space bar or programmed switch control to activate a response from the highlighted object.

THE WORKSHEETS:



- Left click on the left green arrow to navigate backwards.
- Left click on the right green arrow to navigate forwards.
- Left click on the printer icon to print the screen.
- Left click on the house icon to return to the menu page.
- Left click on 'c' to clear the screen.
- Left click on the red arrow to return to the corresponding activity.
- Left click on 'show date' to display the date.

The worksheets may be used electronically or printed for use away from the computer. Please note that the worksheets do not score or self correct.

#### THE TITLE AND THE CURRICULUM:

This title is designed to encourage young children to speak, listen, understand and respond to others and to take part in group discussions within the familiar context of colours, shapes and sizes.

#### THE GRAPHICS:

The graphics used are simple purpose made vector drawings for three reasons:

- a) they are child friendly and easy to recognize.
- b) they support the program without being a distraction in themselves.
- c) they require less memory than more sophisticated graphics / illustrations.

#### INCLUSION:

The program may be used with touch screen monitors and Interactive Whiteboards.

All ten activities have a scanning option for single switch access. The option page allows the user to choose from 1 to 10 scanning delay speeds. Alternatively, the user may click on / touch the highlighted object or use the space bar to activate a response.

The screens are uncluttered with little visible text, reducing the amount of initial explanation / signing required on introducing the screens to pupils with hearing problems.

The high graphic content of the screens helps to overcome language barriers, making the title suitable for mainstream, special needs or second language pupils.

Non-readers may move the mouse over the text or graphics to hear the words spoken.

This title is very gentle with nothing to draw attention to children who find it difficult to grasp the concepts involved. They may proceed by trial and error at their own pace.

## INTERACTIVE WHITEBOARDS:

The screens in this title have been designed for use with PC's or Interactive Whiteboards and are ideal for individual, group work or whole class teaching.

## INSTALLATION:

The title self installs. Insert the CD-ROM in the D drive and follow the instructions on the screen.

## MINIMUM SYSTEM REQUIREMENTS AND SCREEN RESOLUTION:

The software should be compatible with Windows 95, 98, 2000, ME, XP or NT4. A screen resolution of 800 X 600 is recommended. Direct X is also recommended.

## TROUBLE SHOOTING:

The software is programmed to install via the 'D' drive of the computer. Check that the CD ROM is in the 'D' drive if the software fails to install. Open My Computer and double click on the Setup file if the software still fails to install.

The optimum screen resolution setting for this publication is 800 X 600. Right click on the desktop and go to Properties, then Settings to alter the setting if the display is too big or too small.

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#### PRICES AND LICENCES:

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#### RELATED TITLES:

The content of this title is loosely based on 'Click and Choose' also published by ClicSoft and available in My World and Textease formats. Colours, Shapes and Sizes was developed in response to requests from teachers for a stand alone version of the latter with worksheets, assessment records and switch access.

#### FURTHER INFORMATION:

Screens by Thomas Perry: Graphics by Gaynor Perry: Music by Andy Pierce:  
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