



Mirror Writing

EQUIPMENT	<p>Small flat plastic mirrors</p> <p>White paper</p> <p>Pencils</p> <p>Markers</p>
PREPARATION	<p>Collection of equipment</p>
BACKGROUND INFORMATION	<p>When white light meets a shiny surface like a mirror, it bounces off it and is reflected back.</p> <p>In these activities when you look in the mirror the top of your picture becomes the bottom and vice versa. This makes it very difficult to draw around, especially when you change direction.</p> <p>All of the letters in 'CHOICE DICE' are symmetrical (top to bottom).</p> <p>These activities appear simple but are actually quite difficult – try and see!</p>
SKILLS	<p>Investigating and experimenting</p>
ACTIVITY	<p>(These activities probably work best in twos – one holding the mirror while the other writes. Then swapping around.)</p> <p>With a mirror standing at right angles to a piece of paper try to go over a simple shape with a marker while looking in the mirror only.</p> <p>Try to write your name on a piece of paper while only looking at the mirror (and not looking at the paper).</p> <p>Again looking only in the mirror, with a pencil try to find your way around a maze from start to finish.</p> <p>Hold the mirror behind each of the shop signs. CHOICE DICE is the same.</p>
SAFETY	<p>Use plastic mirrors – obtainable from scientific suppliers.</p>



MIRROR WRITING – A

- NOT AS EASY AS YOU THINK!

MIRROR WRITING – B

AGAIN NOT AS EASY AS YOU THINK!

MIRROR WRITING – C

How many times did you cross a line?





Mirror Writing Continued

HOLD A MIRROR BEHIND EACH OF THESE TWO NOVELTY SHOP SIGNS
(ALONG THE DOTTED LINES) IN TURN:

LOVELY JELLIES – 70C

CHOICE DICE – 80C

Can you explain the difference?