

# Twice my Size



Adrian Mitchell ★ Pictures by Daniel Pudles

He swoops and he sings most merrily –



my feathery friend twice as big as me.

| Twice My Size   |                                      |
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| Author: Adrian Mitchell   | Illustrator: Daniel Pudles           |
| Igloo Books Ltd, London   | First printed in 1998 – Reprint 2007 |
| ISBN: 0747541884  | Grades 4-6                           |
| <p><i>Twice My Size</i> is a rhythmic text with illustrations made from woodcut prints. This delightful book is about friendship and describes the relationship between the sizes of subsequent friends as “twice the size”. The ladybird has a butterfly friend that is twice as big. A horse is twice the size of a child and the story ends with the biggest friend of all.</p>  |                                      |
| <p><b>Teaching Ideas</b><br/> The basic concept of doubling and halving can be explored using the book. There is also the potential for the book to be used to develop measurement outcomes. Concepts related to 2-D and 3-D measures can be developed by investigating how the doubling of a 2-D attribute such as height influences volume. This can be extended to exploring the relationship between surface area and volume.</p>             |                                      |
| <p><b>Activities</b></p>  |                                      |
| <p><b>Twice as big</b><br/> Resources:<br/> Collection of objects, all shapes and sizes - toys, boxes, containers, blocks</p> <p>Students sort the objects into pairs where one is twice the size of the other. Discuss with students how they determined the size of the objects in relation to each other. Stacking objects and tracing around objects may be used to compare the size of objects.</p>  |                                      |
| <p><b>Big and small friends</b><br/> Resources:<br/> Information about the size of the animals in the <i>Twice My Size</i> text.</p> <p>Students research the size of the animals in the text. Starting with the ladybird, students find a butterfly that is twice the size. What is the butterfly’s name? What type of bird would be twice the size of the butterfly chosen, what breed of cat would be twice as big as the bird? And so on.</p> |                                      |
| <p><b>Measuring size</b><br/> Resources:<br/> Variety of measurement instruments – rulers, weighing scales, and buckets of water for measuring volume by displacement.<br/> Collection of objects, all shapes and sizes - toys, boxes, containers, blocks</p> <p>Students measure objects and explore what are twice the height, twice the weight, and twice the volume? If you double the height, is the volume doubled?</p>                     |                                      |