



## Workshop Description

### Ted Hughes, The Iron Man

<b>Title</b>	The Iron Man
<b>Age group</b>	KS2
<b>Duration</b>	60 minutes
<b>Description</b>	In this workshop children will be shown the importance of scale in the model village and introduced to the scale factor used at Bekonscot . This same scale factor is then applied to the characters from Ted Hughes's book The Iron Man and the children discover how tall Iron Man would be if he lived at Bekonscot and how big the space bat angel dragon would be when scaled down to a similar factor. This idea is taken further as children create their own scale model house and Iron Man figure and calculate how tall they would be in this scenario.
<b>National Curriculum</b>	<p><b>KS2 mathematics – Ratio and Proportion</b> Solve problems involving similar shapes where the scale factor is known or can be found Pupils should consolidate their understanding of ratio when comparing quantities, sizes and scale drawings by solving a variety of problems.</p> <p><b>KS2 English – Reading comprehension</b> Develop positive attitudes to reading, and an understanding of what they read</p> <p><b>KS2 Design and Technology – Design and Make</b> Engage in an iterative process of designing and making.</p>
<b>Learning Objectives</b>	<ul style="list-style-type: none"> <li>• To understand the scale factor used at Bekonscot and how it ensures a sense of correct proportion.</li> <li>• To apply different scale factors within the context of the Ted Hughes' book</li> <li>• To create a visual representation of scale using materials provided</li> </ul>



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#### Differentiation

- All children will appreciate the importance of scale when creating a model village
- All children will learn that Bekonscot's models use a scale factor of 12
- All children will have the opportunity to create their own scale models.
- Most children will be able to use the knowledge gained to visualize the size of Iron Man relative to the buildings at Bekonscot
- Some children will be able to relate the story of Iron man to their visit to Bekonscot