Workshop Description

Moving Models

Title	Moving Models
Age group	KS2
Duration	60 - 90 minutes
Description	In this workshop children will be shown how the models and figures at Bekonscot are created and are introduced to some of the mechanisms used to animate our models. Pupils then have the opportunity to re-create some of these mechanisms by making their own moving models
National Curriculum	**Design and Technology** Through a variety of creative and practical activities, pupils should be taught the knowledge, understanding and skills needed to engage in an iterative process of designing and making. They should work in a range of relevant contexts When designing and making, pupils should be taught to: **Design** Use research and develop design criteria to inform the design of innovative, functional, appealing products that are fit for purpose, aimed at particular individuals or groups **Make** Select from and use a wider range of materials and components, including construction materials, textiles and ingredients, according to their functional properties and aesthetic qualities **Technical knowledge** Understand and use mechanical systems in their products [for example, gears, pulleys, cams, levers and linkages]

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Learning Objectives	
	• To understand the design process used in creating a new model for the village
	• To appreciate that different materials are suited to different model types
	• To understand the mechanisms used to make Bekonscots models move
	• To create their own models using the mechanisms in use at Bekonscot
	• To provide foundation learning for extended D&T projects back at school
Differentiation	• All children will appreciate that Bekonscot's models are created onsite from a variety of different materials and many of them use mechanical mechanisms to make them move
	• Most children will be able to recognize the mechanisms in use including levers, pulleys and cams
	• Some children will be able to apply this knowledge to the creation of their own models using these mechanisms