

Moving Minibeasts : DT : Year 1/2

	Learning Objective	Overview	Assessment Questions	Resources
Lesson 1	To be able to create a sliding mechanism	In this first lesson, children will find out what a sliding mechanism is, and how it can be used to make a simple moving picture. They will then explore the sliding mechanism themselves in their independent activities, making a variety of simple moving pictures with different minibeasts using the resources provided.	<ul style="list-style-type: none"> Can children explain how a sliding mechanism works? Can children make their own moving pictures using a sliding mechanism? Can children evaluate the sliding mechanisms they have made, and identify areas where they could be improved? 	<ul style="list-style-type: none"> Slides Background Scenes 1A/1B Minibeast Pictures 1A/1B Strips of different lengths of card Scissors, glue/tape, rulers Challenge Pack A/B/C/D (FSD? activity only)
Lesson 2	To be able to use levers and pivots to create a moving mechanism	Children are first shown a moving picture with a lever and pivot mechanism, and asked to explain how they think it works. They will then explore and discuss how it has been made, looking at how to hide the lever at the back of a picture too. Children then use the resources provided to create moving pictures of minibeasts using the lever and pivot mechanism.	<ul style="list-style-type: none"> Do children understand the terms 'lever' and 'pivot'? Can children combine and join materials to make their own lever and pivot mechanisms? Can children explain how their lever and pivot mechanism works? 	<ul style="list-style-type: none"> Slides Background Scenes 2A/2B/2C Minibeasts 2B Strips of different lengths of card Scissors, glue, split-pins, hole, sticky-tack, sharp pencil Moving Parts Minibeasts (FSD? activity only)
Lesson 3	To be able to create a wheel mechanism	Children are shown a third way in which to make a moving picture by creating a wheel mechanism. They will be encouraged to discuss how it works as a class before having the chance to practise making their own moving minibeast pictures using the wheel mechanism using the resources provided.	<ul style="list-style-type: none"> Can children describe what a pivot is? Can children cut out and join components to create a wheel mechanism? Can children evaluate their work and identify areas for future development? 	<ul style="list-style-type: none"> Slides Minibeast Wheel Mechanism 3A/3B/3C Scissors, sticky tack, paper fasteners, beads Butterfly Life Cycle Poster (FSD? activity only) Butterfly Life Cycle Wheel Mechanism A/B (FSD? activity) Butterfly Life Cycle Instructions Card (FSD? activity only)
Lesson 4	To design a picture with a moving mechanism	In this lesson children will apply what they have learnt about the three different types of moving mechanisms to design their own moving minibeast picture for an author who is creating a children's book about minibeasts.	<ul style="list-style-type: none"> Can children design their own moving picture? Can children choose a suitable moving mechanism for their design? Can children explain how the mechanism will make their picture move? 	<ul style="list-style-type: none"> Slides Design Sheet 4A/4B/4C Tom's Sentences (FSD? activity only) Sentence & Picture Design Sheet (FSD? activity only)
Lesson 5	To make a minibeast-themed moving picture	Children will be encouraged to think carefully about the mechanism they are going to make, the equipment they will need, and their order of work, before beginning to create their moving picture based on their design from the previous lesson.	<ul style="list-style-type: none"> Can children follow a design to create a picture with a moving mechanism? Can children work safely with a variety of tools and materials to create a moving mechanism? Can children identify ways in which they can improve their finished products? 	<ul style="list-style-type: none"> Slides Design Sheets from the previous lesson Card, scissors, rulers, glue, paper fasteners, tape, sticky-tack, coloured pencils Minibeast Pictures (optional) Blank Wheel Mechanisms (optional)
Lesson 6	To evaluate a moving minibeast picture	In this final lesson, children will evaluate their completed moving minibeast picture. After beginning to discuss some evaluative questions with a partner and the class, children will then continue this self-assessment in their independent activities.	<ul style="list-style-type: none"> Do children understand what it means to evaluate? Can children evaluate their own moving picture? Can children identify ways to improve their moving picture? 	<ul style="list-style-type: none"> Slides Completed moving minibeast pictures from previous lesson Evaluation Worksheet 6A/6B/C Evaluation Question Cards (FSD? activity only)