

# Leintwardine Endowed CE Primary School Learning Journey Itinerary

‘Letting Our Light Shine’

SUBJECT : DT	YEAR : A	TERM : Summer 2	YEAR GROUPS : 1 / 2
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**Key Question: How do I make a picture move?**

Previous Knowledge – We would expect children to already be able to:  
Children have explored different mechanisms in previous units, when making windmills and toy fire engines.

## END OF UNIT OBJECTIVES

Some children will not yet have met what is expected and will show that they are <b>emerging</b> because they can:	Most children will show that they have reached the <b>expected</b> level because they can:	Some children will have gone beyond the expected level and will show that they are <b>exceeding</b> because they can:
<ul style="list-style-type: none"> <li>• ...begin to explain how a sliding mechanism works.</li> <li>• ...with support, make their own moving pictures using a sliding mechanism.</li> <li>• ...begin to explain how their lever and pivot mechanism works.</li> <li>• ...understand, with some prompts, the terms 'lever' and 'pivot'.</li> <li>• ...describe, with support, what a pivot is.</li> <li>• ...evaluate their work and identify areas for future development, with some pointers.</li> <li>• ...design their own moving picture, with some pointers.</li> <li>• ...explain, with some support, how the mechanism will make their picture move.</li> <li>• ...follow a design to create a picture with a moving mechanism.</li> <li>• ...identify ways in which they can improve their finished products.</li> </ul>	<ul style="list-style-type: none"> <li>• ...explain how a sliding mechanism works.</li> <li>• ...make their own moving pictures using a sliding mechanism.</li> <li>• ...explain how their lever and pivot mechanism works.</li> <li>• ...understand the terms 'lever' and 'pivot'.</li> <li>• ...describe what a pivot is.</li> <li>• ...evaluate their work and identify areas for future development.</li> <li>• ...design their own moving picture.</li> <li>• ...explain how the mechanism will make their picture move.</li> <li>• ...follow a design to create a picture with a moving mechanism.</li> <li>• ...identify ways in which they can improve their finished products.</li> </ul>	<ul style="list-style-type: none"> <li>• ...explain how a sliding mechanism works, making suggestions on how to extend their ideas.</li> <li>• ...make their own moving pictures using a sliding mechanism.</li> <li>• ...explain how their lever and pivot mechanism works.</li> <li>• ...understand the terms 'lever' and 'pivot' and explain how they are used in the real world.</li> <li>• ...describe what a pivot is.</li> <li>• ...evaluate their work and identify areas for future development, making suggestions on how to improve their design.</li> <li>• ...design their own moving picture.</li> <li>• ...explain how the mechanism will make their picture move.</li> <li>• ...follow a design to create a picture with a moving mechanism.</li> <li>• ...identify ways in which they can improve their finished products and understand how to make those improvements.</li> </ul>

### ASSESSMENT OPPORTUNITIES

Children’s work will be evaluated against the success criteria. Children will be questioned to check their understanding and will be given the opportunity to ask questions to clarify their understanding.

### ENRICHMENT OPPORTUNITIES

#### Helping children to remember more

Children will be able to make their own versions of each of the mechanisms.

Children will be given examples of how each of the mechanisms are used in real life.

### SUBJECT SPECIFIC VOCABULARY

Mechanism, sliding mechanism, handle, cut, levers, pivots, moving mechanism, lever and pivot mechanism, arc, fixed point, slot, attach, wheel mechanism, design, order of work, construct, evaluate.

### CROSS-CURRICULAR LINKS

**Links that we can make to help children make sense of what we want them to know and be able to do.**

Science – mini beasts and their habitats.