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| **St Bartholomew’s Knowledge Organiser****Design Technology** | **Class 2** | **Autumn 2 DT–** **Year 2021-2022** | ***Mechanisms – Making a Moving Storybook*** |
| **What we will learn:** |  **Success Criteria:** |
| In this unit you will learn to;* explore making mechanisms
* understand that sliders are mechanisms
* know that sliders can make things move
* create moving models that use sliders
* use the words: up, down, left, right, vertical and horizontal to describe movement
* design a moving story book
* design three pages of my moving storybook by:
	+ drawing background pictures
	+ drawing the moving parts
	+ deciding whether I will use a side-to-side slider or an up-and-down slider on each page
* labelling the movement of each type of slider
* construct a moving picture
* make my moving picture by:
	+ Drawing my background
	+ Drawing and cutting my moving parts
	+ Making sliders for my moving parts
	+ Putting all my parts together to create my moving picture
* possibly making guides and bridges
* test finished storybooks with target audience
* evaluate their end result against initial design criteriacriteria
 | * I understand that sliders are mechanisms
* I know that sliders can make things move
* I can create moving models that use sliders
* I can use the words: up, down, left, right, vertical and horizontal to describe movement
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| **Important Vocabulary** |
| **Assemble – to fix all parts together****Design – to make, draw or write plans for something****Design criteria – a set of rules to help you with your ideas and test the success of them****Evaluation – when you look at the good and bad points about something, then think about how you can improve it****Mechanism – a system of parts working together****Model – a practice version, often on a smaller scale, that lets you test out your idea and see how it will look and work****Sliders – something that you can move from side to side or up and down****Stencil – a shape which you can draw around****Target audience – a person or particular group of people at whom a product is aimed** **Template – a stencil which you can use to help you draw a shape more easily on to different materials****Test – to find out if something works as it should** |