

The Rainforest

Design & Technology

Year 3/4

Lesson 2 of 2

Learning Objective		Resources
To be able to design, make and evaluate a rainforest information book with moving parts.		Slides Worksheet 2A/2B/2C/2D/2E Challenge Cards (FSD? activity only) Paper and card (various colours) Tools, e.g. split pins, scissors, craft knives, rulers, etc.
Teaching Input		
<ul style="list-style-type: none"> Have you ever read a book that has moving parts in it? Invite children to share their ideas. Tell children that today they will be designing, making and evaluating a moving information book about the rainforest. Can you think of any ways you could have moving parts in a book like this? Children to think, pair, share their ideas. Go through the explanations for five different ways they could make moving parts: pop-out concertinas; rotating wheels; sliders; pop-up objects; window flaps. How could you use these mechanisms in your rainforest information books? Children to discuss ideas as a class. What kind of information book would you like to create and why? What kind of moving mechanisms will you use? Children to discuss ideas. 		
Main Activity		
<p><u>Lower ability:</u></p> <p>Give children some time to practise using the techniques for making moving parts as shown on the slides. Children to then get into groups and design one page for an information book each on worksheet 2A, choosing one moving mechanism. Children to then work individually to create their page and then put them together to create a group information book.</p>	<p><u>Middle ability:</u></p> <p>Give children some time to practise using the techniques for making moving parts as shown on the slides. Tell children that they will need to make a 3-page information book about the rainforest. Children to plan what their pages will have on worksheet 2B and then draw a rough template for each on A5 paper. Children to then work individually to create their moving information book.</p>	<p><u>Higher ability:</u></p> <p>Give children some time to practise using the techniques for making moving parts as shown on the slides. Tell children that they will need to make a 5-page information book about the rainforest. Children to plan what their pages will have on worksheet 2C and then draw a rough template for each on A5 paper. Children to then work individually to create their moving information book.</p>
Fancy something different...?		
<ul style="list-style-type: none"> Ask children to get into groups and give each group one of the Challenge Cards. Children to decide who will create which page of their particular book and then plan on A4 paper. Encourage children to discuss which moving mechanism or mechanisms would be best for which page and what information should be included. Children to then work individually to create their page for the group book. When finished, children to put their pages together. They can then work together to create a front page, index, glossary, etc., for their information book. 		
Plenary	Assessment Questions	
<p>When all children have finished, give them some time to read the information books that other children have created then come back together. Which do you like best and why? How do they compare with your book? Which mechanisms do you think are most effective? Discuss ideas as a class. Children to then evaluate their own work on worksheet 2D or 2E (depending on ability).</p>	<ul style="list-style-type: none"> Can children design a book with appropriate moving parts? Can children work with a variety of tools and techniques to create moving mechanisms? Can children evaluate their finished work and the work of others? 	