

Yr 1	Mechanisms Greetings Cards- Sliders	Structures Baby Bear's Chair	Healthy Eating Smoothie
D&T Skills	<p><u>Design</u> Design a moving story book for a given audience. To include a sliding mechanism in the design.</p> <p><u>Make</u> Follow my design to create a card that uses a sliders.</p> <p><u>Evaluate</u> Test a finished product, seeing whether it moves as planned and if not, explaining why and how it can be fixed.</p>	<p><u>Design</u> Generate and communicate ideas using sketching and modelling.</p> <p><u>Make</u> Making a structure according to design criteria. Creating simple flat joins and structures from paper/card and tape/pipe cleaners.</p> <p>Build a strong and stiff structure.</p> <p><u>Evaluate</u> Testing the strength of own structures. Identifying the weakest part of a structure. Evaluating the strength and stiffness of my structure.</p>	<p><u>Design</u> Look at existing smoothies and pick the fruit I will use in my own.</p> <p><u>Make</u> Chopping fruit and vegetables safely to make a smoothie.</p> <p><u>Evaluate</u> Tasting and evaluating different smoothie combinations Describing appearance, smell and taste</p>
Context and User	The Card Factory You have been asked to design and create children's interactive greetings cards.	Story Link Baby bear needs a new chair because theirs is broken.	Innocent Smoothies We need children to be making some more healthy drink choices.
D&T Sticky Knowledge	To know that a mechanism is the parts of an object that move together. To know that a slider mechanism moves an object from side to side for up and down.	To know that a 'structure' is something which has been formed or made from parts. To know that a 'stable' structure is one which is firmly fixed and unlikely to change or move. To know that a 'strong' structure is one which does not break easily. To know that a 'stiff' structure or material is one which does not bend easily.	Identifying if a food is a fruit or a vegetable. Learning where (often hot countries) and how (trees, under-ground) etc. fruits and vegetables grow.
Key Vocabulary	Up-and-down slider, side-to-side slider, mechanism, join, fold, cut, slit, measure, plan, evaluate	Materials, folds, joins, structure, stable, strong, stiff	Chop, slice, blend, fruit, vegetable, smoothie, healthy, grow
Aspirations	Graphic Designer Artist Card Maker Product Designer	Engineer Carpenter Architect Product Designer	Chef Nutritionist Dietician Food Scientist