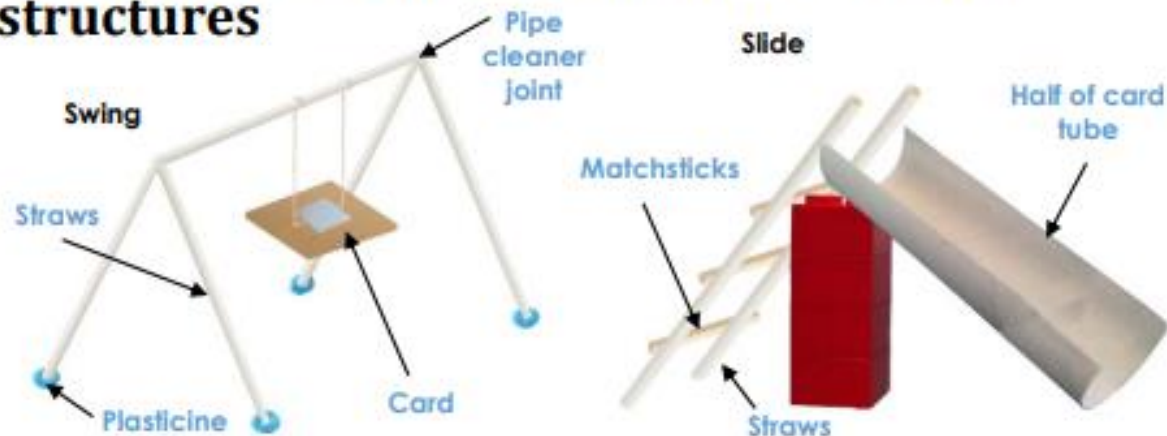
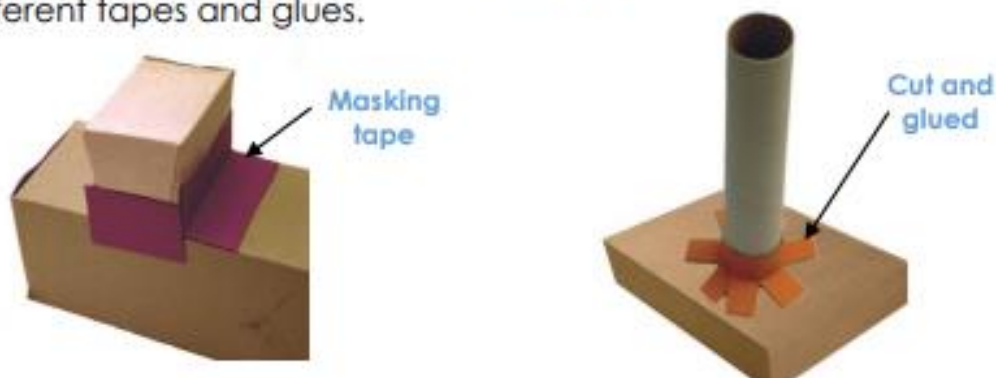


We know how to assemble freestanding structures.

## Techniques for assembling freestanding structures



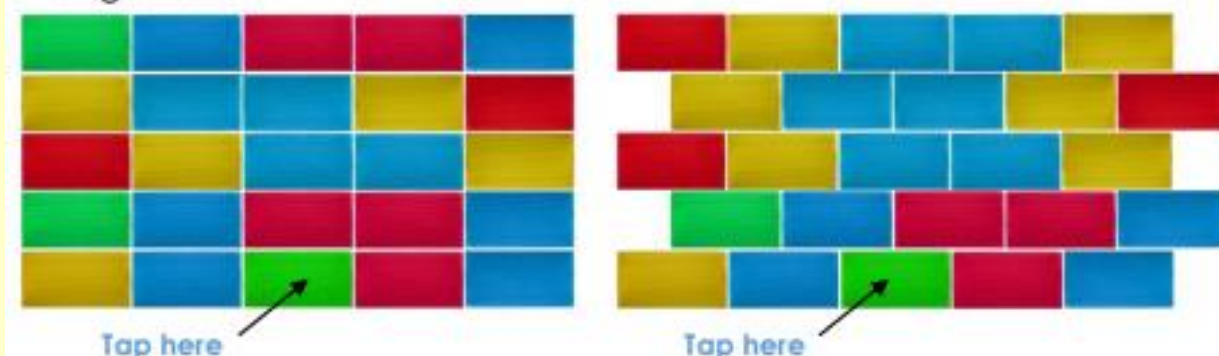
Show children how to join sheet materials and reclaimed boxes together using different tapes and glues.



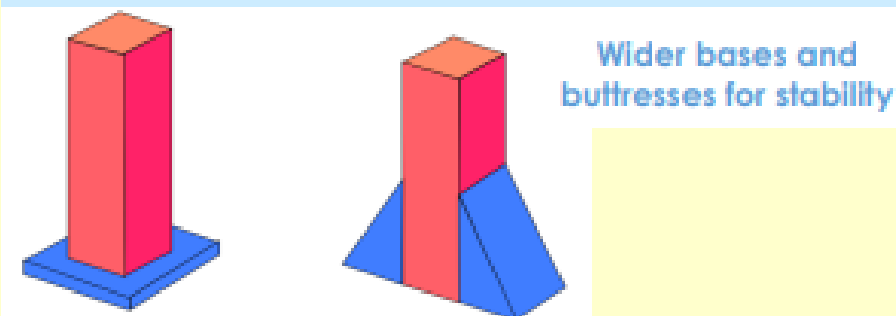
We know how to build a strong wall.

## Technical knowledge and understanding

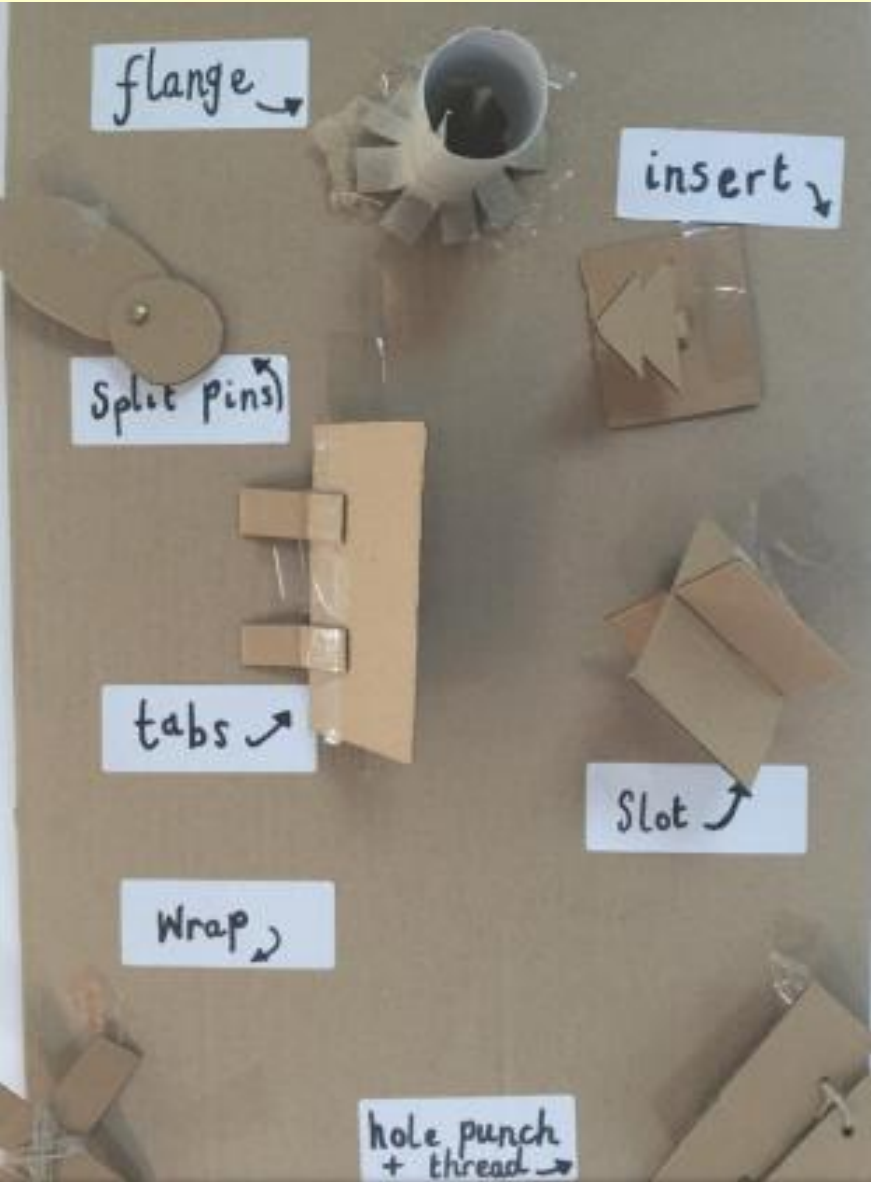
Build walls with these different patterns. Tap away the centre brick in the bottom row of each wall in turn. What happens? Which wall is the strongest?



We know how to make a strong base.



# Design and Technology: Year 1/2 - Summer Term: Structures: Freestanding structures:



Vocabulary	
Design	A plan or idea of what the product will be like and how it will function.
Evaluate	I can talk about what is good about a product and ways it can be improved.
Investigate	Looking carefully to find out or learn something new.
Planning	Thinking about something before doing it
Framework	A supporting structure of a building or it will fall down.
Product	An article or substance that is manufactured or refined for sale.
Strong	Able to withstand force or pressure.
Structure	A building or other object made from several parts, e.g. a bridge
Tower	A tall narrow building
User	A person who uses or operates something
Weak	Liable to break or give way; easily damaged.

