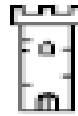


Year 1: Structures

How can you stop a tower from toppling over?



Core content:

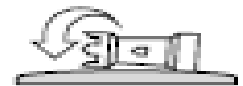
Investigate what needs to be in place so that a structure can remain standing on its own.
Use a range of materials to explore and reason about why some structures may fall.

Technical vocabulary:

Tower – a tall, narrow building or part of a building.



Topple – to become unsteady and fall.



Lean – to bend or move from a straight position to a sloping position.



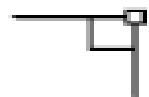
Foundation – a layer of stone or concrete etc. that forms the solid underground base of a building.



Balance – the ability to keep steady with an equal amount of weight on each side of the body or structure.



Perpendicular – forming an angle of 90° with another line or surface.



Connections:

The Leaning Tower of Pisa
(started in 1173 and completed in 1372)

