



ST. ALBAN'S
CATHOLIC PRIMARY SCHOOL
LEAD THE WAY

Yr 4 DT: Skyscraper design



Key vocabulary

Base: The part of a building that sits on the ground

Proportion: The comparative measurement or size of different parts of a building

Reinforced Concrete: Concrete that is made stronger by adding steel rods or wires

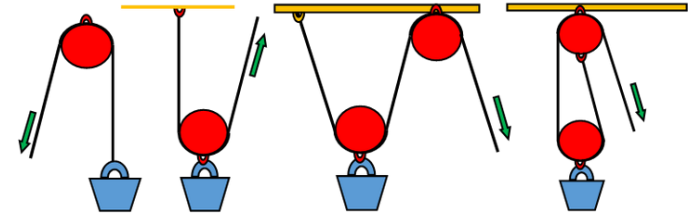
Skeleton Frame: A system of columns and beams that supports the weight of a building

Skyscraper: A tall building with a steel or concrete skeleton frame, an elevator, and floors where people live or work

Story: A floor or level in a building



Types of Pulleys



Fixed

Moveable

Compound

Block & Tackle

Pulley is a simple machine and comprises of a wheel on a fixed axle, with a groove along the edges to guide a rope or cable. **Pulleys** are used to reduce the time and energy taken to lift heavy objects.

Your Sky Scraper will have a pulley so it can have a lift.

