

LC Question: How has Birmingham shaped the world?

WOW : Egg drop

LC1: Why are we grounded?

LC2: What's stopping me?

LC3: Why can small things be more powerful than larger things?

LC4: Why do tall buildings stand tall?

LC5: How can we create a bridge over troubled water?

LC6:

LC7:

LC8

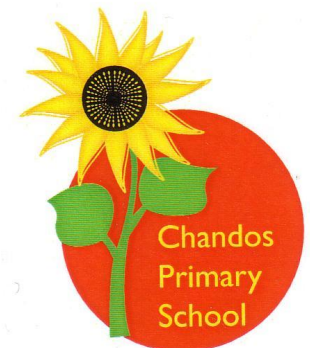
Working scientifically:

English links:

Maths links:

Creative arts links:

Expressive art link:



Science

- explain that unsupported objects fall towards the Earth because of the force of gravity acting between the Earth and the falling object
- identify the effects of air resistance, water resistance and friction, that act between moving surfaces
- recognise that some mechanisms, including levers, pulleys and gears, allow a smaller force to have a greater effect.

Art

- about great artists, architects and designers in history

DT

- evaluate their ideas and products against design criteria
- build structures, exploring how they can be made stronger, stiffer and more stable
- explore and use mechanisms [for example, levers, sliders, wheels and axles], in their products.