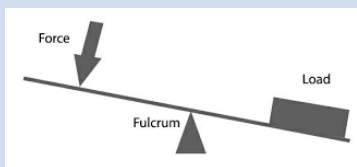




Year 4, Autumn 2  
Topic: Maybe It's Because I'm a Londoner

## Vocabulary

Fulcrum-



Frame-a rigid structure that surrounds something such as a picture, door, or windowpane.

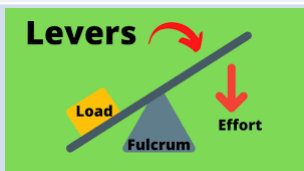
Stability- not liable to change.

Movement-the state of changing something's position.

Linear- straight

Rigid- not flexible

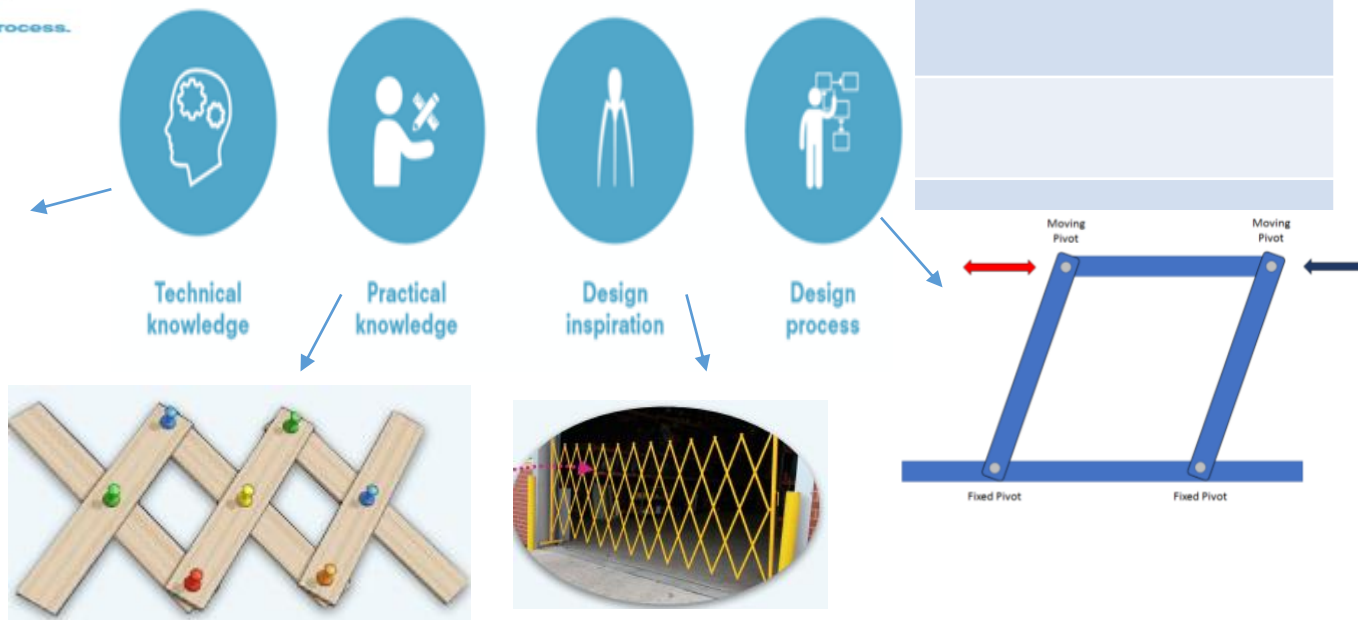
Lever-



Pivot- to turn or rotate, like a hinge.

What will I know about mechanics by the end of this topic?

- I will know what a mechanism of a lever looks like and what its main features are.
- I will know what linked lever mechanisms are and how to use them.
- I will know what a designer's thinking process looks like.
- I will be able to create my own mood board for my design.
- I will be able to design my own product.



## Mood board for frames



Problematic design  
How can we make it safer?



A better and safer design