Standard 6i: How levers help us lift heavy objects.

Parts to a lever:

- **Lever**
- **Fulcrum**: the part the lever balances on.
- **Load**: the weight being moved
- **Force**: the direction the object is being moved.
1st Class Lever

Load and effort are opposite sides. Fulcrum is in the middle.
2nd Class Lever
Load is between fulcrum and effort. Usually pivots at one point.

Human Body Example:
Tippy-toes

Human Body Example

Real Life Example
Wheelbarrow
3rd Class Lever
Effort is between the fulcrum and the load. Usually goes with lifting something.

Real life example: Tweezers
Human Body Example: Throwing something
1st Class

Explanation:

Real Life Example:

Drawing of a lever:

- Magazine picture w/effort, load & fulcrum labeled

Inside 2nd Class

3rd Class

On back
1) Write the actual standard
2) Have a key