

Max’s Mechanical Word Mat: Levers and Pulleys

Learning objective: To understand and define key mechanical terms used in design technology to build simple machines.

Key Vocabulary

Max the monkey loves to solve maths and engineering puzzles! Use this word mat to help you learn about moving parts. Read the definitions below to help you understand how machines work. Use the word bank at the bottom to check your spelling.

Lever A stiff bar that rests on a pivot point to...	Fulcrum The fixed point or pivot where the l...	Load The heavy object that you are trying to l...
Effort The push or pull force you apply to m...	Pulley A wheel with a groove for a rope or str...	Axle The rod or pole that goes through the c...
Mechanism The parts that work together to...	Pivot The point around which a lever or other...	Force A push or a pull that starts movement.
Friction The resistance that happens when ...	Movement A change in position.	Structure The shape or frame that holds a ...
Design A plan or drawing showing how som...	Stability How steady or balanced a structure ...	