



The New Way Things Work

By David Macaulay

HMH Books for Young Readers, 1998. Book Condition: New. Brand New, Unread Copy in Perfect Condition. A+ Customer Service! Summary: Contents 1-5 Prelim Pages PART ONE: THE MECHANICS OF MOVEMENT 6-9 TITLE, CONTENTS, INTRODUCTIONS 10-17 THE INCLINED PLANE Locks and keys; cutting machines; can opener; plough; zipper 18-29 LEVERS Includes: lever in action; weighing machines; grand piano; manual typewriter; firefighters ladder 30-35 WHEEL AND AXLE Wheel and axle at work; waterwheel; turbine; windmill; wind turbine; dentist's drill. 36-53 GEARS AND BELTS Includes: gear box; mechanical clocks; differential; lawn sprinkler; cams and cranks; sewing machine. 54-61 PULLEYS Chain hoist; counterweights; block and tackle; tower crane; escalator; lift. 62-69 SCREWS Screws at work; tap; drills and augers; combine harvester. 70-77 ROTATING WHEELS Gyroscope, starter motor; roller blind; car seat belt 78-81 SPRINGS Stapler; car suspension 82-89 FRICTION Clutch; synchromesh; car brakes; oil rig; freedom from friction; perpetual motion. PART TWO: HARNESSING THE ELEMENTS 90-93 TITLE, CONTENTS, INTRODUCTION 94-105 FLOATING Submersible; submarine; passenger boat; wind surfer; yacht; airship; hot-air balloon. 106-119 FLYING Includes: airplane; airliner wing; helicopter; jump-jet; hydrofoil 120-141 PRESSURE POWER Includes: pumps; pneumatic drill; hydraulics; power steering; suction; carburetor; fuel injection. 142-163 EXPLOITING HEAT Includes: heat waves; combustion engines; blast furnace;...



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