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Coding and Robotics for Kids

LEGO ROBOTICS

- SPY ROBOT
- SATELLITE
- SPACE ROVER
- GEAR CAR
- HELICOPTER
- FLOODGATE
- FORKLIFT
- ROBOTIC ANIMALS
- ROBUST STRUCTURES
- WILDLIFE CROSSING
- GRABBING OBJECTS
- SEA CLEANER
- TOWER CRANE
- DETECTOR

WeDo 2.0

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CONCEPTS

- TYPES OF GEARS
- GEAR TRAINS
- PULLEY MECHANISM
- WORKING OF SENSORS
- OUTER SPACE
- NATURAL CALAMITIES
- FORCE & FRICTION
- POLLINATION
- METAMORPHOSIS
- SUPER SENSES
- ANIMAL EXPRESSIONS
- RECYCLING
- MOON BASE
- COMMUNICATION



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Coding and Robotics for Kids

CREATE. INVENT. CODE





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INVOLVE. SOLVE. EVOLVE





Coding and Robotics for Kids

KEY LEARNING VALUES



- Modelling and designing solutions
- Engage pupils in science by making it real
- Basic computing skills
- Enhances Curiosity
- Boosts Creativity
- Collaboration and presentation skills
- Critical thinking and problem-solving

