

Physics Projects

1. Simple Electric Motor
2. Homemade Barometer
3. Optical Illusions
4. Newton's Cradle
5. Pendulum Motion
6. Homemade Thermometer
7. Sound Waves
8. Reflection and Refraction
9. Friction and Surface Texture
10. Electromagnetic Induction
11. Solar Oven
12. Magnetic Levitation
13. Water Rocket
14. Air Pressure Experiments
15. Simple Hovercraft
16. Light Spectrum
17. Buoyancy Test
18. Static Electricity
19. Vibration Sensitivity
20. Mechanical Gears

Engineering Projects

1. Bridge Building Challenge
2. Solar-Powered Fan
3. Water Rocket
4. Mechanical Arm
5. Windmill Model
6. Simple Hydraulic Lift
7. Catapult
8. Elevator Model
9. Recycled Paper Machine
10. Robot Car
11. Simple Crane
12. Magnetic Train
13. Rubber Band Powered Car
14. Paper Roller Coaster
15. Water-Powered Clock
16. Automated Plant Watering System
17. Parachute Design
18. Egg Drop Challenge

19. Model of a Dam
20. Gear System Model

Chemistry Projects

1. Volcano Eruption
2. Invisible Ink
3. pH Indicator with Red Cabbage
4. Crystal Growth
5. Chemical Reactions
6. Homemade Soap
7. Density Tower
8. Electrolysis of Water
9. Oxidation of Iron
10. Color Changing Liquids
11. Slime Making
12. Gas Laws Experiment
13. Rust Prevention
14. Salt Water Battery
15. Chemical Gardens
16. Soap Bubbles and Surface Tension
17. Reaction Rates
18. Natural Dyes from Fruits and Vegetables
19. Chemical Changes in Food
20. Growing Salt Crystals

Biology Projects

1. Plant Growth Experiments
2. Model of the Human Heart
3. Microorganism Cultures
4. Osmosis in Potatoes
5. Photosynthesis Experiment
6. Ecosystem in a Bottle
7. Animal Classification
8. Human Body Systems
9. Biodiversity Survey
10. Fungi Growth
11. Leaf Structure Study
12. Digestive System Model
13. DNA Extraction
14. Behavioral Studies of Animals
15. Pollination Process
16. Plant Responses to Light

17. Human Senses Experiment
18. Insect Habitat
19. Microhabitats Study
20. Plant Disease Investigation

Mathematics Projects

1. Geometric Shapes Model
2. Math in Nature
3. Probability Experiment
4. Symmetry in Art
5. Fibonacci Sequence
6. Math Games
7. Fractals in Nature
8. Graphing Data
9. Pi Day Celebration
10. Tessellation Art
11. Magic Squares
12. Math Puzzles
13. Geometry and Architecture
14. Exploring Patterns
15. Calculating Areas of Irregular Shapes
16. Probability with Playing Cards
17. Mathematical Symmetry in Design
18. Calculating Volume and Surface Area
19. Algebra in Real Life
20. Mathematical Modeling

Environmental Science Projects

1. Recycling Challenge
2. Composting
3. Air Quality Test
4. Water Filtration
5. Energy Conservation
6. Wildlife Conservation
7. Sustainable Farming
8. Climate Change Effects
9. Green Technology
10. Ocean Pollution
11. Natural Resource Management
12. Impact of Plastic Waste
13. Conservation of Water Resources
14. Environmental Impact of Deforestation

15. Urban Green Spaces
16. Soil Erosion Study
17. Renewable Energy Sources
18. Wildlife Habitats
19. Effects of Pollution on Plants
20. Carbon Footprint Analysis

Space Science Projects

1. Model of the Solar System
2. Crater Creation
3. Phases of the Moon
4. Rocket Launch Simulation
5. Star Constellations
6. Space Travel Timeline
7. Mars Habitat Model
8. Space Weather
9. Astronaut Training
10. Rocket Propulsion
11. Solar Eclipse Model
12. The Expanding Universe
13. Space Missions Timeline
14. Understanding Black Holes
15. Satellite Communication
16. Design a Space Rover
17. Meteor Shower Simulation
18. Planets and Their Moons
19. Space Exploration History
20. Designing a Space Station

Computer Science Projects

1. Create a Simple Website
2. Basic Coding with Scratch
3. Build a Basic Calculator
4. Simple Game Development
5. Data Encryption Basics
6. Virtual Pet App
7. Design a Quiz App
8. Basic Database Management
9. Create an Interactive Story
10. Algorithm Visualization
11. Develop a To-Do List App
12. Introduction to Python Programming

13. Create a Chatbot
14. Web Scraping Basics
15. Build a Personal Blog
16. Introduction to Robotics Programming
17. Simple Animation Project
18. Develop a Flashcard App
19. Basic Image Processing
20. Create a Password Manager

Engineering Projects

1. Solar-Powered Car
2. Wind Turbine Model
3. Hydraulic Lift
4. Automated Greenhouse System
5. Seismic Building Model
6. Simple Gearbox Design
7. Magnetic Levitation Train
8. Water Purification System
9. Design a Floating Bridge
10. Model of an Arch Bridge
11. Build a Working Model of a Dam
12. Design a Miniature Crane
13. Construction of a Model Roller Coaster
14. Simple Electromagnet
15. Model of a Conveyor Belt
16. Build a Working Model of a Lock
17. Design a Basic Hydraulic Robot Arm
18. Water-Powered Battery
19. Create a Basic Wind Tunnel
20. Automated Plant Watering System

Environmental Science Projects

1. Home Energy Audit
2. Air Pollution Monitoring
3. Water Conservation Techniques
4. Impact of Plastic Pollution
5. Sustainable Living Solutions
6. Local Ecosystem Study
7. Renewable Energy Projects
8. Soil Health Analysis
9. Conservation of Wildlife
10. Water Quality Testing

11. Green Building Design
12. Environmental Effects of Mining
13. Study of Invasive Species
14. Recycling and Waste Management
15. Urban Farming Techniques
16. Investigation of Airborne Particulates
17. Effects of Climate Change on Local Flora
18. Study of Natural Disasters
19. Sustainable Transportation Models
20. Microplastic Pollution Analysis

Space Science Projects

1. Solar System Model
2. Lunar Phases Demonstration
3. Space Rocket Design
4. Crater Formation Study
5. Star Map Creation
6. Space Exploration History
7. Mars Rover Simulation
8. Effects of Zero Gravity
9. Space Station Design
10. Asteroid Impact Simulation
11. Design a Space Colony
12. Study of Comets and Meteoroids
13. Lunar Eclipses Explained
14. Study of the Hubble Space Telescope
15. Model of an Interstellar Probe
16. Research on Space Debris
17. Understanding Dark Matter
18. Space Weather Effects on Earth
19. Model of a Satellite System
20. Study of Exoplanets