

YouDo

Science DIY Kits

Ada Lovelace



Georg Ohm



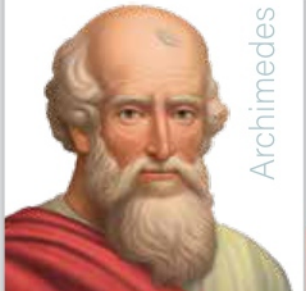
Fahrenheit Daniel Gabriel



Marie Curie



Louis Pasteur

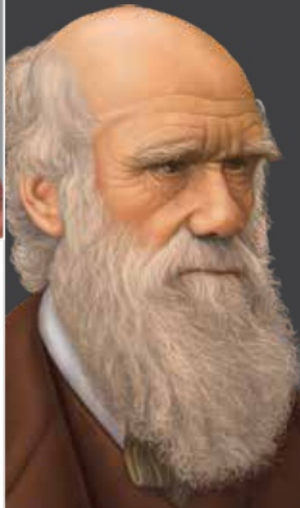


Archimedes

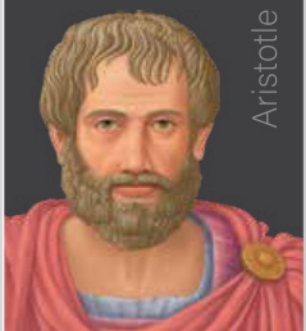


Alfred Nobel

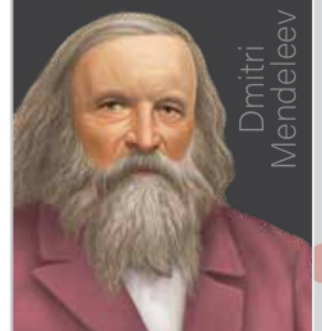
Charles Darwin



Issac Newton



Aristotle



Dmitri Mendeleev



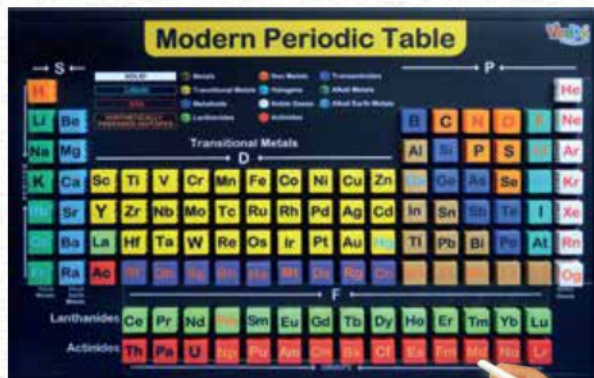
TOPSUN[®]
Learnovative Solutions (P) Ltd.

3 Dimensional Interactive Periodic Table

YouDo™
and Discover

Chemistry Lab

CH 122 T



Size - 42" x 27"

Features

- Wall mounted
- Detachable element cubes
- 118 Cue cards for teachers
- Colour codes depicted the state of elements.
- 6 Most relevant characteristics depicted on cubes as given below:-
 - Element name
 - Element symbol
 - Atomic weight
 - Atomic number
 - Electron structure
 - Electronegativity
- Real life co-relation of elements explained.
- Teachers hand book for guidance
- Other interesting details

₹ 14894.00



Light And Optics Class Demo Kit

Magnetic Featured Ray Box

YouDo™
and Discover

PH 1092 C

Law of reflection and refraction

This light and optics kit is a very handy look for science teachers and demonstrates the laws of reflection and refraction, which are applicable in the case of light. The kit consist of the following set of all types of

- Three Convex lenses
- Three Concave lenses
- Light pipe
- Prism of various shapes
- A set of rectangular and semi-circular blocks.

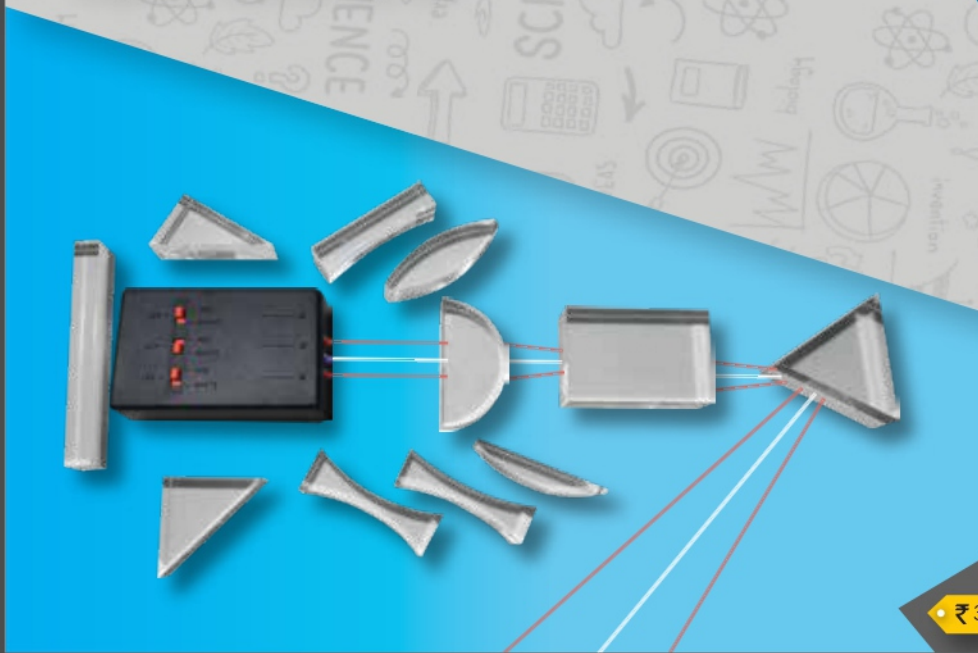
Total no. of 12 acrylic blocks accompany with the ray box which has a facility to project 3 beams of light in 2 colours. This kit is also consist of teacher support guide.



12 acrylic blocks



₹ 3191.00



Working of Switch

Interruption of flow of current
PH 1014 S **Working Of Switch** ₹559.00

Conductor & Insulators

Conducting and Insulating properties of materials
PH 1036 C **Conductors And Insulators** ₹589.00

Repulsion in like poles of magnets
PH 1013 S **Magnetic Spring / Repulsion Of Magnets** ₹211.00

Repulsion in like poles and attraction in unlike poles of magnets
PH 1003 S **Levitation Of A Pencil** ₹388.00

Sun's apparent motion in the sky
PH 1034 T **Make Your Own Sundial** ₹648.00

Untwisted fibre hairs slide past one another but add a twist and they lock together
PH 1042 C **Yarn Spindle** ₹247.00

Interlacing yarns
PH 1043 S **Fibre To Fabric** ₹848.00

Electron falling to a lower energy level, produce light
PH 1008 S **Working Of LED** ₹156.00

Work-Energy Principle
PH 1019 S **Uses Of Pulley In Our Life** ₹471.00

Tilt of earth's axis
PH 1007 S **Day And Night DIY Kit (Earth Is Tilted Vertically 23 Degree)** ₹671.00

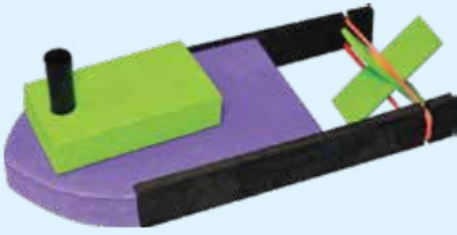
Reflection of light
PH 1025 S **Infinite Images When Two Mirrors Are Parallel** ₹294.00

Attraction between unlike poles and repulsion between like poles
PH 1044 S **Make Your Own Compass** ₹235.00

Flow of electrons
PH 1045 C **Multi Circuit Panel Board** ₹2575.00

Strength and stability of a triangular structure
PH 1046 C **Make Your Own Bridge** ₹341.00

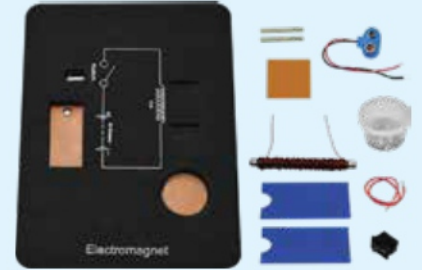
Boyle's Law
PH 1021 T **Bernoulli Bag (Capacity Of Lungs)** ₹140.00



Stored Potential (Elastic) energy
PH 1086 S **Elastic Powered Boat** ₹294.00



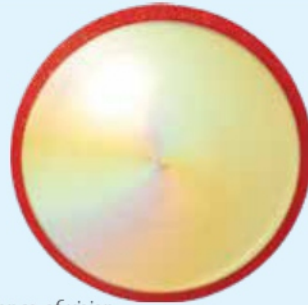
Electricity and magnetism
PH 1047 C
Electricity & Magnetism ₹2239.00



Faraday's laws of electromagnetic induction
PH 1048 S
Electromagnet Making Kit ₹559.00



Fleming's LHR
PH 1049 S
Electromagnetic Repulsion ₹671.00



Persistence of vision
PH 1016 C
Mixing Of Colours & White Light Formation ₹754.00



Laws of reflection and refraction
PH 1018 C
Ray Box / Types Of Lenses Kit ₹1804.00



Correlation between wind speed and speed of rotation
PH 1050 C
Anemometer

₹388.00



Law of reflection of light
PH 1015 S **Reflection Of Light** ₹424.00

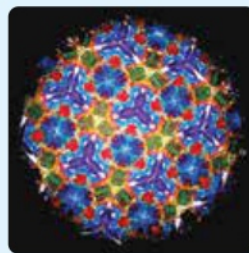


Repulsion between two similar magnetic poles
PH 1051 T
Magnetic Levitation & Maglev Train ₹848.00



Bernoulli's principle
PH 1052 T
Working Model Of Tomado

₹1869.00



Reflection of light
PH 1053 S
Kaleidoscope Making kit ₹235.00



Heat transmission by conduction
PH 1037 T
Conduction Of Heat ₹245.00



Repulsion in similar poles of magnets
PH 1005 S
Frictionless Propeller Kit

₹341.00



Conversion of Wind energy into rotational motion
PH 1054 S
Wind Power Crane ₹140.00



Bernoulli's Principle
PH 1010 S
Airfoil Designs And Shapes

₹152.00



Laws of reflection of light

PH 1024 S

Calculate Number Of Reflection With Two Mirrors

₹199.00



Centrifugal Force

PH 1017 S

Effect Of Centrifugal Force In The Earth

₹388.00



Bernoulli's Principle

PH 1029 S

Air Pressure And Atmospheric Pressure

₹58.00



Law of Charges

PH 1033 T

Static Electricity Kit

₹117.00



Pascal's Law

PH 1055 C

Hydraulic Arm (Without Bottle)

₹492.00



Composition of White light

PH 1039 T

RGB DIY Kit

₹940.00



Newton's Third Law of Motion

PH 1056 S

Air Powered Car

₹660.00



Principle of conservation of mass and momentum

PH 1030 S

Wind Mill Kit

(Effect Of Air Pressure On Our Life)

₹494.00



Iron
(26.5g)



Zinc
(19.5g)



Aluminium
(8.5g)

Density is amount of mass per unit volume

PH 1011 T

Density Of Material Kit

₹471.00



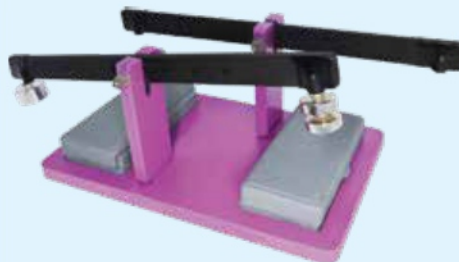
Bernoulli's Principle

PH 1012 S

Sprinkler

(How Air Pressure Helps In Drinking Water Using A Straw Pipe)

₹105.00



Archimedes' principle

PH 1057 T

Lever And Fulcrum Function Kit

₹3303.00



Air is matter as it has weight and it occupies space

PH 1022 S

Properties Of Air Kit

₹105.00

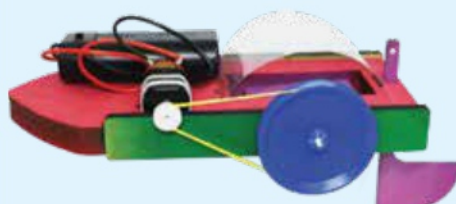


Centre of Mass and Centre of gravity

PH 1020 S

Working of Rope Way

₹388.00



Newton's Third Law of Motion

PH 1058 S

Electric Propeller Boat

₹559.00



Conservation of angular momentum

PH 1006 S

Working Model Of Gyroscope

₹559.00



Newton's Third Law of Motion
PH 1031 S
Balloon Car

₹199.00



Forced oscillations
PH 1059 T
Twin Pendulum

₹1679.00



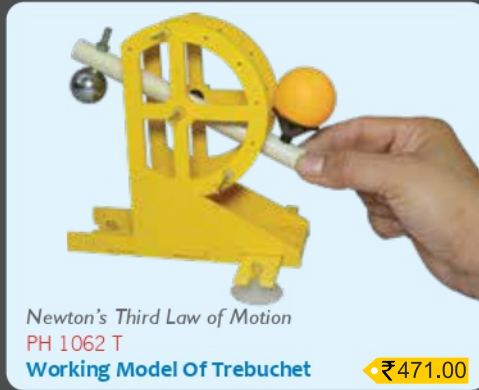
Force of gravity
PH 1060 T
Up Hill Cone (Small)

₹388.00



Speed, Velocity And Acceleration
PH 1061 C
Motion Car

₹943.00



Newton's Third Law of Motion
PH 1062 T
Working Model Of Trebuchet

₹471.00



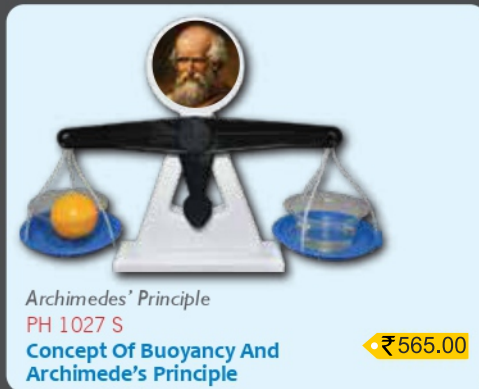
Newton's Second Law Motion
PH 1063 C
Sound And Vibration Kit

₹199.00



Conservation of momentum
PH 1001 S
Magnetic Gun

₹671.00



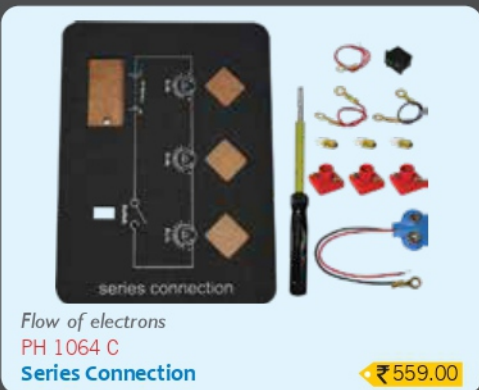
Archimedes' Principle
PH 1027 S
Concept Of Buoyancy And Archimede's Principle

₹565.00



Conservation of Energy
PH 1004 T
Maxwell's Wheel

₹1410.00



Flow of electrons
PH 1064 C
Series Connection

₹559.00



Flow of electrons
PH 1065 C
Resistance In Series And Parallel

₹559.00



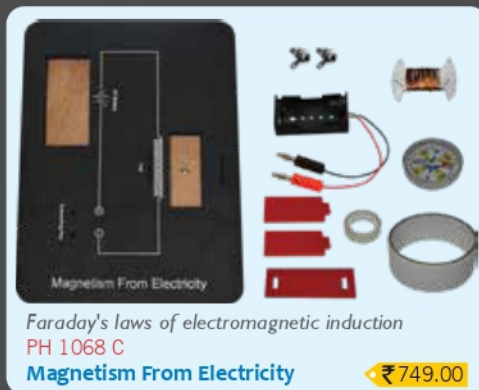
Flow of electrons
PH 1066 C
Working Of Resistance

₹749.00



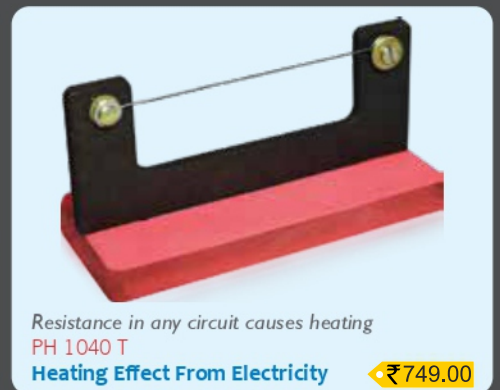
Ohm's Law
PH 1067 C
Variable Resistance Graphite

₹749.00



Faraday's laws of electromagnetic induction
PH 1068 C
Magnetism From Electricity

₹749.00



Resistance in any circuit causes heating
PH 1040 T
Heating Effect From Electricity

₹749.00

Total Internal Reflection
PH 1069 T
Total Internal Reflection Kit ₹290.00

The principle behind the Tesla coil is to achieve a phenomenon called resonance
PH 1070 T
Tesla Coil ₹637.00

Collecting, focussing and magnifying the light
PH 1071 S
Toy Telescope ₹77.00

Faraday's laws of electromagnetic induction
PH 1072 T
Hand Generator With Pulley ₹671.00

Work-Energy Principle
PH 1087 C
Pulley System ₹565.00

Faraday's laws of electromagnetic induction
PH 1074 C
Syringe Generator ₹335.00

Faraday's laws of electromagnetic induction
PH 1075 T
Solenoid Engine ₹2429.00

Flow of electrons
PH 1076 C
Parallel Connection ₹671.00

Photovoltaic effect
PH 1077 C
Solar Reading Lamp ₹1231.00

Fleming's Left hand rule
PH 1041 T
Electric Motor Kit ₹469.00

Newton's Third Law of motion
PH 1028 S
Potential Energy In Twisted Elastic ₹294.00

Storing of potential energy
PH 1078 T
Catapult ₹789.00

Pascal's Law
PH 1002 T
Hydraulic Jack ₹2429.00

Pascal's Law
PH 1079 T
Hydraulic Arm Lift ₹1679.00

Converts rotational motion to motion
PH 1080 S
Screw Jack ₹660.00



Eddy Current
PH 1081 T
Eddy Current In An Aluminium Tube

₹1869.00



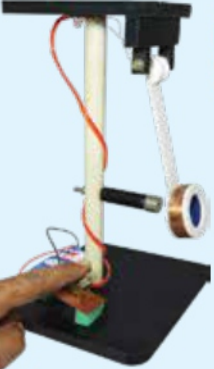
Capillary Action
PH 1035 T
Capillary Action

₹235.00



Eddy Currents
PH 1082 T
Magnetic Brake

₹2071.00



Faraday's law
PH 1083 T
Magnetic Induction Pendulum

₹1231.00



Faraday's law
PH 1084 T
Charkha Generator

₹3740.00



Newton's Third Law of motion
PH 1023 S
Newton's Third Law Of Motion (Amphibian Car)

₹749.00



Force of gravity
PH 1085 T
Up Hill Cone (Large)

₹940.00



Faraday's law
PH 1088 C
Fidget Generator

₹1869.00



Various colored light in the visible spectrum when combined produced white light
PH 1089 C
Magic RGB Cubes

₹1164.00



Faraday's RHR
PH 1090 C
Gear Driven Generator

₹1791.00



Fleming LHR and photovoltaic effect
PH 1091 C
Solar Motor / Mendocino Motor

₹3549.00

Chemistry



Liquid chromatography
CH 110 T
Chromatography

₹176.00



Colour changes in a solution to show presence of Fats, Proteins and Carbohydrates
CH 103 S
Fats, Proteins And Carbohydrates Testing Kit

₹593.00



Crystallisation
CH 114 S
Budding Crystal Kit

₹105.00

Acids and bases with Litmus paper and pH indicator
CH 109 S
What Is Litmus & Indicator ₹ 660.00

Hydrogen ion activity
CH 107 S
What Is pH Scale ₹ 290.00

Electroplating
CH 111 S
Chemical Reaction (Electroplating) ₹ 156.00

Oxidation Reaction
CH 115 C
Lemon Battery ₹ 247.00

Chemical Reaction
CH 116 C
Inflate Balloon ₹ 199.00

Filtration
CH 112 C
Water Filter Kit ₹ 671.00

Electroplating
CH 113 T
Electroplating ₹ 480.00

Flash point of substances
CH 117 S
Fireproof Balloons ₹ 341.00

Exothermic Reactions
CH 118 T
Chemical Reaction (Elephant Toothpaste) ₹ 247.00

Density of fluids
CH 101 S
Density Of Liquids Kit ₹ 152.00

Molecular attraction
CH 102 S
Miscible And Immiscible Liquids Kit ₹ 152.00

Oxidation
CH 119 S
Rapid Oxidation Kit ₹ 294.00

Homogeneous and heterogeneous mixtures
CH 120 T
Solutions, Suspensions And Colloids ₹ 471.00

Properties of Gases
CH 105 S
Properties Of Carbon Dioxide ₹ 105.00

Characteristics of Acids and Bases
CH 106 S
What Are Common Acids And Bases ₹ 294.00

Chemistry



CO2 and it's Characteristics
CH 108 S
Acid, Base Reaction CO2

₹368.00



Characteristics of Acids and Bases
CH 104 S
Acids, Bases And Their Properties


₹290.00



Electrolysis
CH 121 C
Production Of Hydrogen And Oxygen From Water

₹536.00

Biology



Types of Joints in human body
BG 10001 T
Body Movements DIY Kit

₹1344.00




Germination
BG 10004 S
Study Of Seed Germination

₹247.00



Digestion and metabolism
BG 10003 C
Types Of Food We Eat

₹306.00



Atmospheric Pressure
BG 10002 T
Respiratory System In Human Beings

₹471.00

Fun Science Kit



Non-Newtonian fluid
FN 15002 S
Slime Kit

₹565.00



Action of water-soluble sodium or potassium salts of fatty acids on water molecules
FN 15003 S
Soap Making Kit

₹848.00



Water absorbent Polymers
FN 15001 S
Snow Making Kit

₹471.00



Hydrophobic sand
FN 15004 S
Magic Sand

₹506.00



Centre of mass
FN 15005 S
Bike On Rope

₹412.00



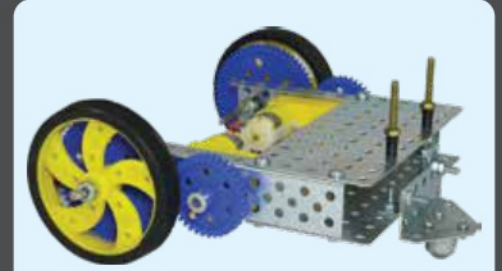
Newton's Third Law of Motion
RT 20001 C
Robo Air Car

₹1679.00



Faraday's Law
RT 20002 C
Wind Power Dynamo

₹1882.00



Conversion of Electric Energy into Mechanical Energy
RT 20003 C
Gear-Motor Car

₹2104.00



Conversion of Potential energy to electric energy
RT 20004 C
Fluid Turbine

₹1679.00



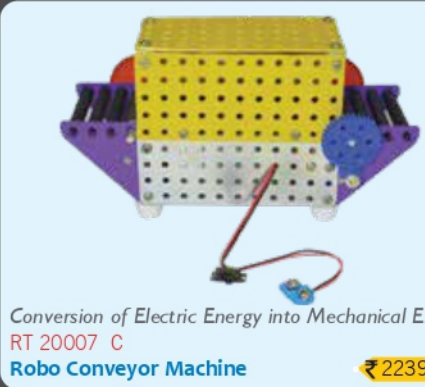
Principles of conservation of mass and momentum
RT 20005 C
Wind Mill

₹604.00



Conversion of Electric Energy into Mechanical Energy
RT 20006 C
Robo Car

₹1959.00



Conversion of Electric Energy into Mechanical Energy
RT 20007 C
Robo Conveyor Machine

₹2239.00



Photovoltaic effect
RT 20008 C
Solar Car

₹1791.00



Conversion of Electric Energy into Mechanical Energy
RT 20009 C
Industrial Lift Gear Model

₹1959.00



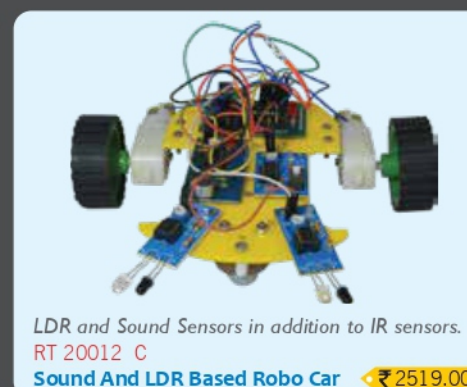
Conversion of Electric Energy into Mechanical Energy
RT 20010 C
Tank With Robotic Arm

₹12319.00



IR Sensors
RT 20011 C
IR-VR Sensor Robo Car

₹1959.00




LDR and Sound Sensors in addition to IR sensors.
RT 20012 C
Sound And LDR Based Robo Car

₹2519.00


Magnetic Boards of Human Physiology

BG 10005 T Set of 5

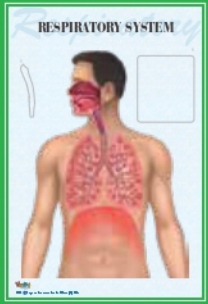
SKELTAL SYSTEM



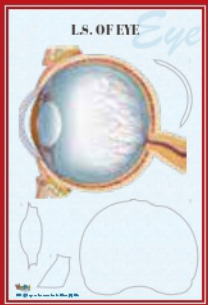
MUSCULAR TISSUE




RESPIRATORY SYSTEM



L.S. OF EYE



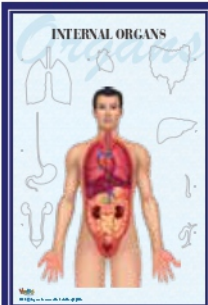
HUMAN HEART



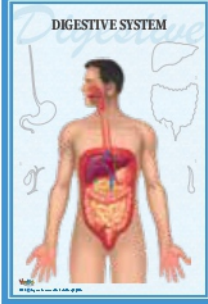
Size 12"x18" ₹ 4999.00

BG 10006 T Set of 5

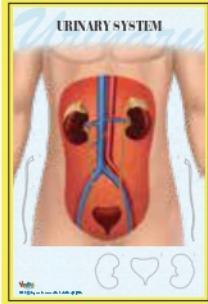
INTERNAL ORGANS




DIGESTIVE SYSTEM



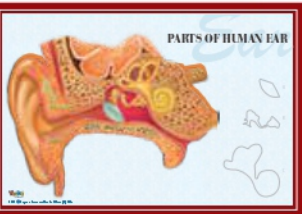
URINARY SYSTEM



ENDOCRINE SYSTEM



PARTS OF HUMAN EAR



Size 12"x18" ₹ 4999.00

Portraits of Scientists

Marie Curie

1867-1934

- Marie Skłodowska was born in Warsaw, Poland. At 24, she moved to Paris to study.
- There she married Pierre Curie which turned as an extraordinary partnership in scientific work.
- Marie and Pierre Curie together received Nobel Prize in Physics for the discovery of radioactivity in 1903.
- In 1911 Marie again won Nobel Prize in Chemistry for discovering two elements, polonium and radium. She was the first person to win Nobel Prize twice.
- She died of a condition called aplastic anaemia due to prolonged exposure to radiation.

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List of Famous Scientists

- | | |
|---------------------------|-----------------|
| Alfred Nobel | Louis Pasteur |
| Aristotle | Marie Curie |
| Charles Darwin | Michael Faraday |
| Dmitri Mendeleev | Neils Bohr |
| Edward Jenner | Norman Borlaug |
| Fahrenheit Daniel Gabriel | Robert Hooke |
| Georg Ohm | Verghese Kurien |
| Gregor Mendel | Watson Crick |
| Issac Newton | |

Size 18"x24"

Each ₹ 1499.00

Portraits of Mathematicians

Aryabhata

475 AD - 550 AD

- Aryabhata "The Great Mathematician" was born in Bihar.
- The place-value system, firstly seen in the 3rd-century Bakhshali Manuscript
- In Aryabhata, he provided summation of series of squares and cubes.
- He found the position of nine planets which revolve around the sun.
- Aryabhata found in a year there are 365 days.
- India's first satellite named Aryabhata-I in the honour of the legendary mathematician.

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List of Famous Mathematicians

- | | | |
|-----------------------|--------------|----------------|
| Archimedes | Lagrange | Zeno of Elea |
| Georg Descartes | Laplace | Riemann |
| Rene Descartes | Leibniz | Ramanujan |
| Eukleides (Euclid) | Ada Lovelace | Aryabhata |
| Leonard Euler | Issac Newton | Varash Mihir |
| Pierre de Fermat | Pascal | Bhaskaracharya |
| J. C. Friedrich Gauss | Pythagoras | |

Size 18"x24"

Each ₹ 1499.00

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