



Solar Cell Art No: EC001



Solar Cell Demonstrator Art No: EC002



Solar Cell Demonstrator Art No: EC003.01



Solar Cell Demonstrator Art No: EC003.02



Solar Cell Demonstrator Art No: EC003.03



Solar Cell Demonstrator Art No: EC004



Art No: EC005



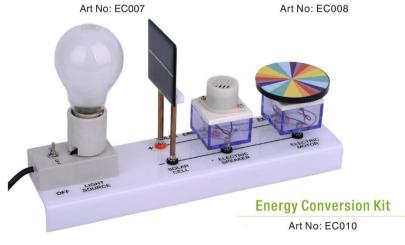
Art No: EC007



Solar Powered Car



Solar Powered Car Art No: EC009





Solar Cooker Demonstrator Art No: EC012.01



Solar Cooker Demonstrator Art No: EC012.02



Energy Conversion Kit, Set of 7. Art No:EC013



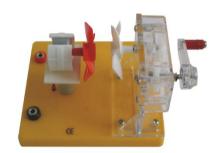
**Wind Power Generation Model** 

Art No: EC014.01



**Wind Power Generation Model** 

Art No: EC014.02



**Wind Power Generation Model** 

Art No: EC014.03



**Wind Power Generation Model** 

Art No: EC014.04



**Energy Conversion Kit, Set of 8** 

Art No: EC015



**Energy Conversion Demonstrator** 

Art No:EC017



**Wind Power Generation Model** 

Art No:EC018



**Generation Model** 

Art No:EC019

Colper (Pvt) Ltd Tel: 94+ 112 787 222 Fax: 94+ 112 787 000 Web: www.colperlab.com 196 Email: info@colperlab.com





Fruit Clock
Art No:EC020



Stirling Engine, Low Temperature
Art No: EC021.01



Stirling Engine, Low Temperature
Art No: EC021.02



Cavendish Gravitational Balance
Art No: ADV001

Unique small scale version of the famous

Cavendish experiment to verify Newton's Law of

Gravity and measure the Universal Gravitational

Constant, G. This unit is remarkable for

measuring the tiny value of G by simple, easily-

understood means.



Foucault's Pendulum
Art No: ADV002

Foucault's Pendulum,57" High.

Display version of the Foucault 1851

experiment to demonstrate the Earth's

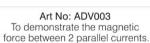
rotation. It contains a maintained pendulum

whose precession rate can also be used to

calculate latitude or time.



Force Between Conductors Demonstrator





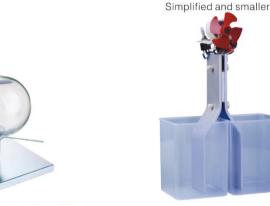
Steam Engine Model, Simplified

Art No:EC022.01

Steam Engine Model, Simplified

Art No:EC022.02

With LED light



**Thermal Generator** 

Art No: EC024
For converting thermal energy into electrical energy.



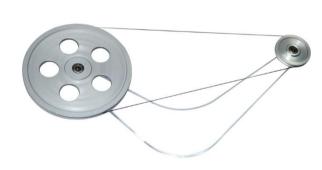
Force Between Conductors Demonstrator

Art No: ADV004
To demonstrate the magnetic force between 2 parallel currents.



### Lorentz Force Demonstrator

Art No: ADV005
Packaged in wooden box
Classic "fine beam tube" set for the
visual and quantitative demonstration
of electron beam properties and the
measurement of e/m. The compact
apparatus has a built-in power supply
and is housed in a wooden case for
easier beam visibility.



**Magic Engine** 

Art No: EC025
With hot water, it turns around



Water Energy Demonstrator

Art No: EC026



**Deluxe Stirling Engine** 

Art No: EC027



**Deluxe Stirling Engine** 

Art No: EC028



**Deluxe Stirling Engine** 

Art No: EC029



#### Frank-Hertz Apparatus

Art No: ADV006

Set of equipment used for observing the excitation transitions of electrons in Argon.Compact unit includes Argon tube, power supplies and amplifier in one box.



# Complete Properties of Electrons Apparatus

Art No: ADV008
Comprehensive equipment set for

studying the electric and magnetic properties of an electron beam. CRT tube, power supplies, and deflection coils are housed in a compact case.

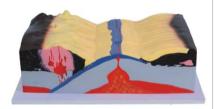
Allows e/m to be measured.

198

Colper (Pvt) Ltd Tel: 94+ 112 787 222 Fax: 94+ 112 787 000 Email: info@colperlab.com Web: www.colperlab.com

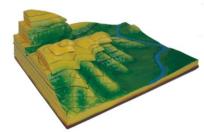


Model of Sun Internal structure Art No: G03001



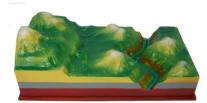
Platonic Model

Art No: G04002
This model represents active and passive margins of ocean ridges with rift valley, Benjoff plane, oceanic trenches, continental shelf and slopes.
Size:53x38x25cm



**Model of Contour Lines** 

Art No: G04005



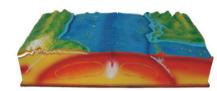
Model of Fluviation

Art No: G04008



Model of Earth Internal Structure, 32cm dia

Art No: G03002



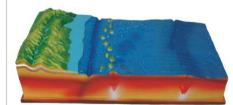
Model of Plate Conformation and the Earth Surface

Art No: G04003



Model of Changes in the Earth's Crust

Art No: G04006



Submarine Topography

Art No: G04009



Solid Globe Art No: G03003



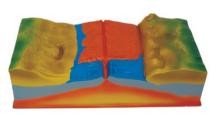
**Deposition Formation Model** 

Art No: G04004

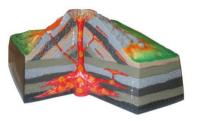


Model of the Makeup of Faultage Zone and Cultivation of Rift Valleys

Art No: G04007



Model of Volcano Underwater
Art No: G04010



Model of Volcano
Art No: G04011



Model of Hydropower Station

Art No: G04014



Demonstration Model of Water Circulation

Art No: G05001



Demo. Model of Global Ocean Current

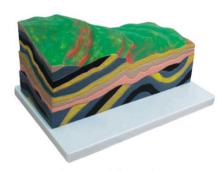
Art No: G05004

This model helps students to know the basic concept, movement, cause, its surface distribution and its effect on geo-environment.



Model of Faultage and Fold of Earth

Art No: G04012



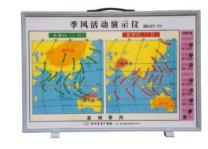
Layers of Ground

Art No: G04015 Miniature model. Size:33x23x14cm



Demo. Model of Cold Front & Warm Front

Art No: G05002
This model helps students to know the chapter of typical weather system.



Demo. Model of Seasonal Monsoon Movement

Art No: G05005 Seasonal monsoon refers to the wind that only exists during specific seasons.



Model of Earthquake

Art No: G04013



Model of Island Origin

Art No: G04016



# Demo. Model of Cyclone & Anticyclone

Art No: G05003

This model adopts the continuous light electro-circuit, vividly demonstrating the movement of the cyyclone and anticyclone.



Demo. Model of Atmospheric Circulation

Art No: G05006

This model displays the periodical movement of the sub-solar point between typical of cancer & tropicla of capricorn by light, and also vividly demonstrate the movement of cold front & warm front.

 Colper (Pvt) Ltd
 Tel: 94+ 112 787 222
 Fax: 94+ 112 787 000
 248





Crayon Set of 8, 10cm Long and 1cm Dia.

Art No: EDT001



Glue Stick, 8g, PVA Art No: EDT002

**Geometric Board** 

Art No: EDT003.01, Geometric Board, 5x5 Pins,152mm Art No: EDT003.02, Geometric Board, 10x10 Pins,230mm Colors available:orange,red,blue, purple, green and yellow



Safety Scissor

Art No:EDT004 Variety colors available.



Dice, Tetrahedron, with 3 Numbers at Each Side,2cm

Art No: EDT005



Sizes Upon Request

Art No: EDT006.01, Normal Dice with Dots Art No: EDT006.02. Normal Dice with Numbers



Dice, Polyhedron

Art No: EDT007 Sizes upon request



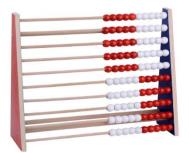
Red/Yellow Counter Strips, Plastic

Art No:EDT008



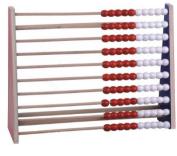
Multibase, Plastic

Art No:EDT009



Ten-Rods Abacus, 100 Beads, Red/White

Art No: EDT010.01 Made of wood,52x40x14cm



Ten-Rods Abacus, 100 Beads, Red/White

Art No: EDT010.02 Made of wood,52x40x14cm



Ten-Rods Abacus, 100 Beads, Red/White

Art No: EDT011.01 Made of wood,30x30x6.3cm



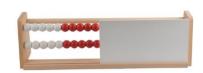
Ten-Rods Abacus. 100 Beads, Red/White

Art No:EDT011.02 Made of wood,30x30x6.3cm



2-Rods Abacus. 20 Beads, Red/White

Art No:EDT012 Made of wood,25x8.5x6cm



Two-Rods Abacus, 20 Beads, with Writing Board

Art No: EDT012.02 Made of wood, 25x8.5x6cm



**Magnetic Letters** and Numbers, Set of 62

Art No: EDT014 26 upper case letters and 26 lower case letters with 0-9 numbers
The height of the upper case letters and

numbers is 4cm.



Linking Cubes, 2cm with 10 Colors Art No: EDT016



Magnetic Letter Set of 26, Lower Case

Art No: EDT015



Comes unassembled







Dynamo Model, DIY

Art No: EDT022 Comes unassembled



Spinners with 3 Colors, Diameter 11cm

Art No:EDT017



Spinners, Blank Diameter 11cm Art No:EDT018



Spinners with Numbers, Diameter 11cm

Art No: EDT019



Spinners, Blank, Diameter 11cm

Web: www.colperlab.com

Art No: EDT020







Air Car, DIY Art No: EDT023 Comes unassembled







Solar Power, DIY

Art No: EDT025 Comes unassembled



**Electronic Block Kit** 

#### Art No:EDT026

There are 58 different kinds of assembly for making electric lamps, electric fans, flying disks, making electric lamps, electric fans, flying disks, color- flashed lamps, luminosity- varying lamps, FM radios, and so on. The product can lead users rapidly into the wonderful world of electronics in a light-hearted amusement. Suitable for children between 5 and 8 years old.



#### **Electronic Block Kit**

#### Art No: EDT027

There are 5889 different kinds of assembly for music-doorbells, alarms, FM-radios, recorders, karaokes, microphones, and so on. The product can lead users rapidly into the wonderful world of electronics in a light-hearted amusement. Suitable for

children between 5 and 14 years old.



#### **Electronic Block Kit**

#### Art No: EDT028

The w-9889 electronic building block is the latest patent product which promoted by our factory.it is a kind of enviroment-friendly high-teach product.Characteristic:Use 3 ways for power supply. i.e the dry battery, hand generator, solar battery. Besides it can be assembled usual electric lamp, electric fan, color lamp and buzzzer, it can be assembled with solar radio and hand electricity-generating radio andsolar recorder, hand electricity-generating recorder, solar charger as well as hand electricity generating charger, etc.It can be applied in 9889 kinds of electric circuits.



#### **Electronic Block Kit**

- The same as EDT028,in addition it has a solar car.
- 1. This solar car can be driven in the sun(without dry battery)
- 2. This solar car can be used to assemble all kinds of elctronic circuit.
- This car can still move when electronic circuit working.
- 3.This solar car can be assembled into police car,ambulance, fire engine,machine gun vehicle, The car can also produce all kinds of sound of regular car when moving.
- 4. The solar battery pack has charging function and can be used to charge the battery.
   5. This car can produce electricity for the electronic circuit.
- 6. This car can be assembled into FM radio, the car can run while you can listen the FM at the same time.

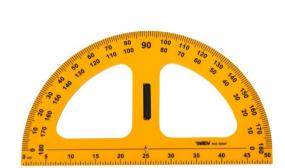


Art No: EDT031 Made of PVC with smiling face



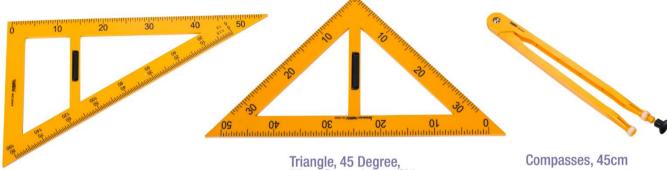
PP Bag

Art No: EDT033 Size: 33x34x9cm



Protractor, 50cm Base

Art No: EDT034



Triangle, 60 Degree, 66cm Base Art No: EDT036

56cm Base, 4 0cm Side

Art No: EDT035

Art No: EDT037

## Meter Ruler, 5.3cm Wide

## Art No: EDT038





Telescope Model, DIY Art No: EDT041



3D Eyeglass Model, DIY

Art No: EDT042



### **3D Printing Pen**

#### Art No.: EDT043

3D pen can draw in the air, emancipate you from the paper and bring you into the fantasy 3D space, especially for your kids. It can inspire their 3D imagination and improve their creativity. It can make your idea come true and bring you into a wonderful DIY world.

#### Features:

- 0.7mm diameter nozzle
- 1.75mm diameter OLA/ABS filaments
- Adjustable molding speed
- Adapter 100-240V,12V/2A
- Temperature 180 230oC Adjustable
- Colors available: Blue, Yellow, Pink, Purple

Colper (Pvt) Ltd Tel: 94+ 112 787 222 Fax: 94+ 112 787 000 Email: info@colperlab.com Web: www.colperlab.com