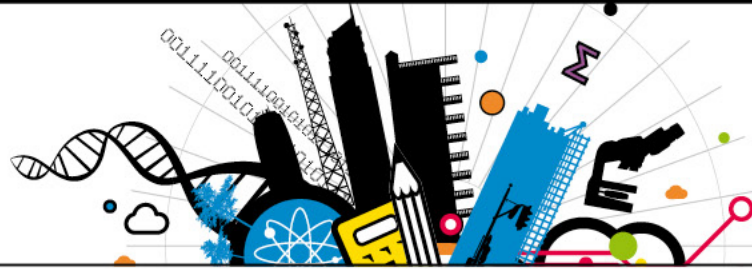




The IET

Faraday Challenge Day

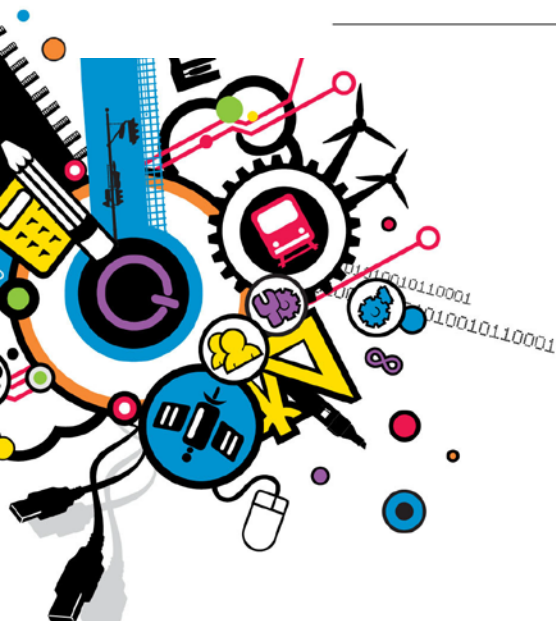
Certificate



For taking part in the
Faraday Challenge Day

Awarded to

of





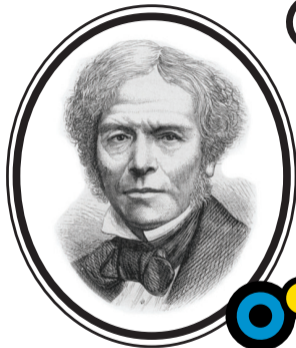
The IET

Faraday Challenge Day

Currency

Faraday

Faraday Reserve Note **ONE FARADAY**

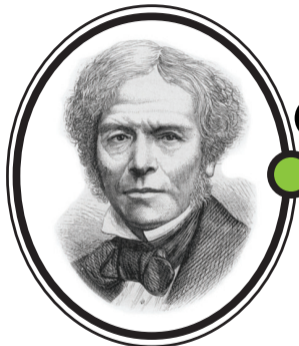


Michael Faraday



Faraday

Faraday Reserve Note **FIVE FARADAYS**

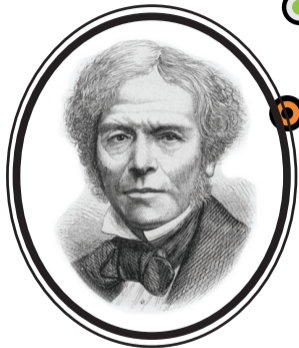


Michael Faraday

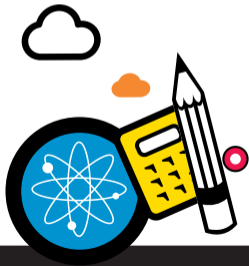


Faraday

Faraday Reserve Note **TEN FARADAYS**

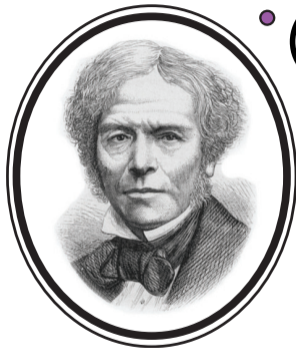


Michael Faraday

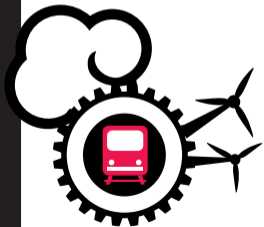


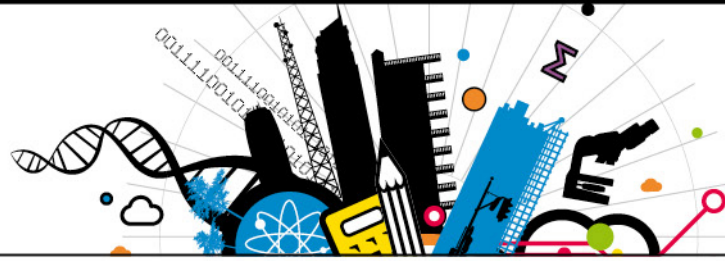
Faraday

Faraday Reserve Note **TWENTY FARADAYS**



Michael Faraday





The IET

Faraday Challenge Day

Student name badges



Faraday Challenge Day

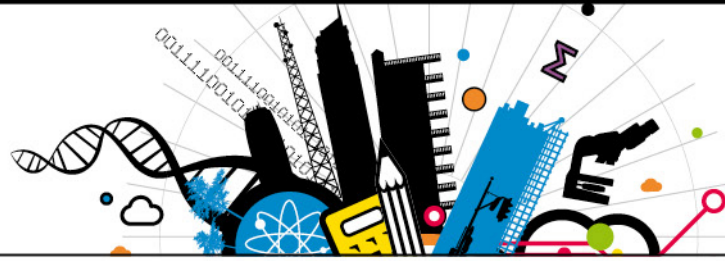
Aerospace Engineer



Faraday Challenge Day

STEM Consultant





The IET

Faraday Challenge Day

Price tags

Masking tape
30cm

F5.00



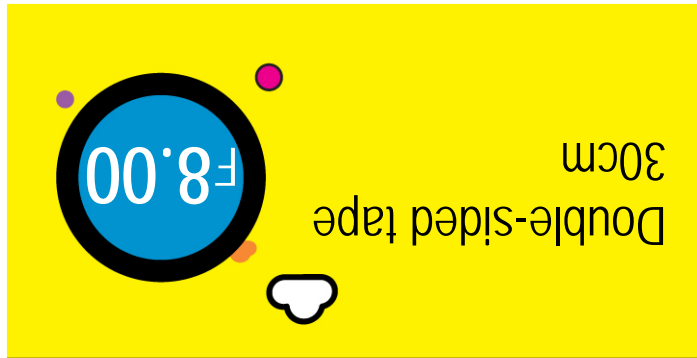
Masking tape
30cm

F5.00



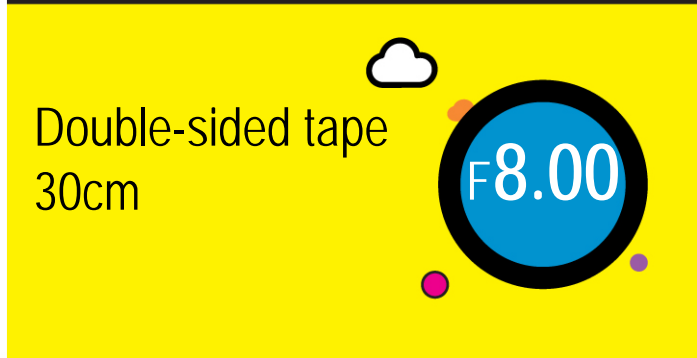
Double-sided tape
30cm

F8.00



Double-sided tape
30cm

F8.00



Corrugated Plastic
A5 sheet

F5.00



Corrugated Plastic
A5 sheet

F5.00

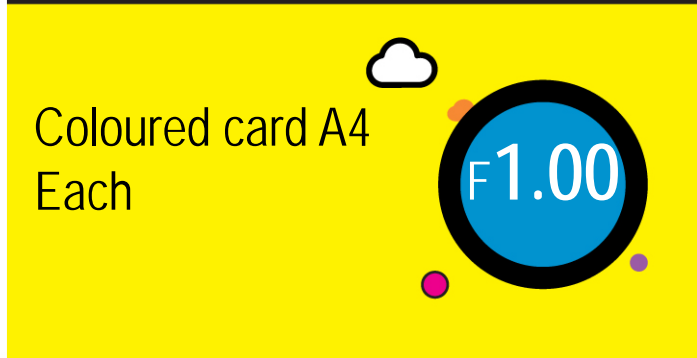
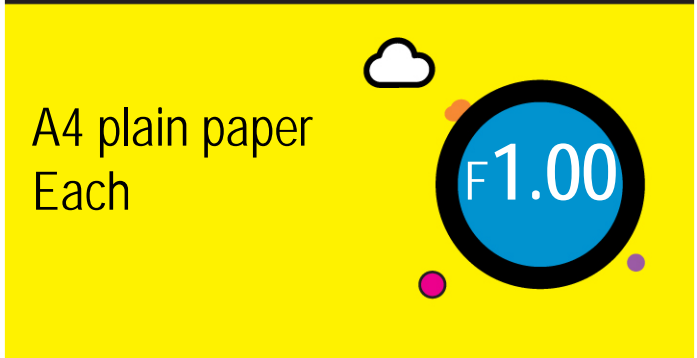
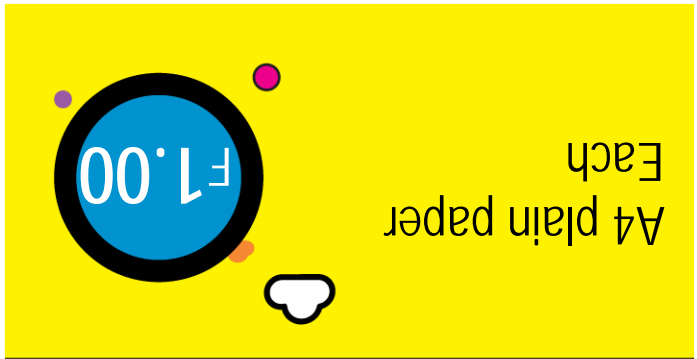
Recycled Items
Each

F5.00



Recycled Items
Each

F5.00



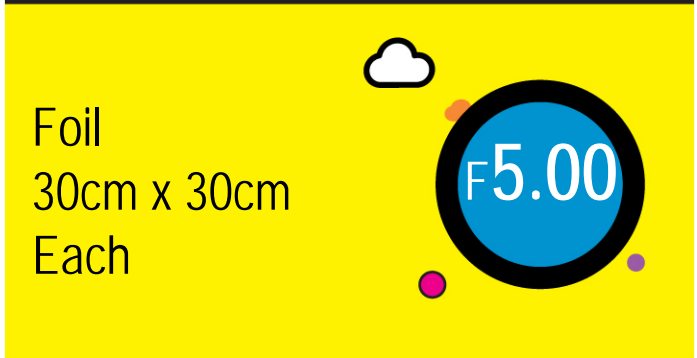
Foil
30cm x 30cm
Each

F5.00



Foil
30cm x 30cm
Each

F5.00



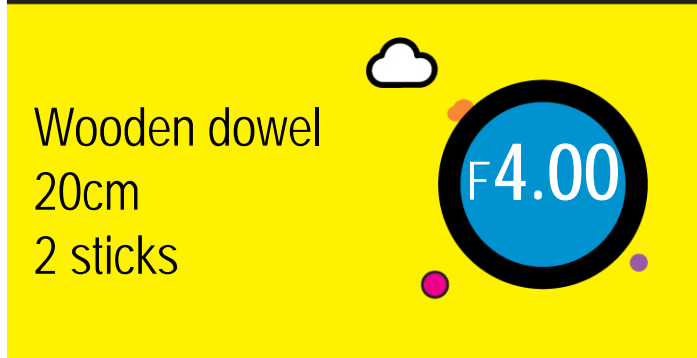
Wooden dowel
20cm
2 sticks

F4.00



Wooden dowel
20cm
2 sticks

F4.00



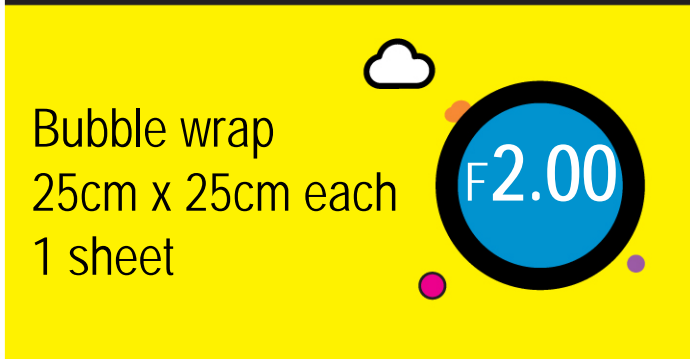
Bubble wrap
25cm x 25cm each
1 sheet

F2.00



Bubble wrap
25cm x 25cm each
1 sheet

F2.00



Motor with gear
attached
Each

F5.00



Motor with gear
attached
Each

F5.00



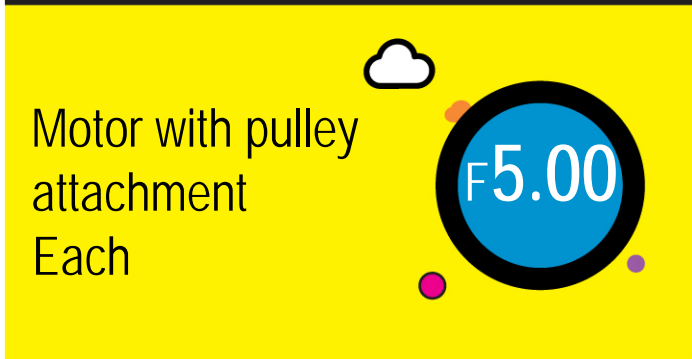
Motor with pulley attachment
Each

F5.00



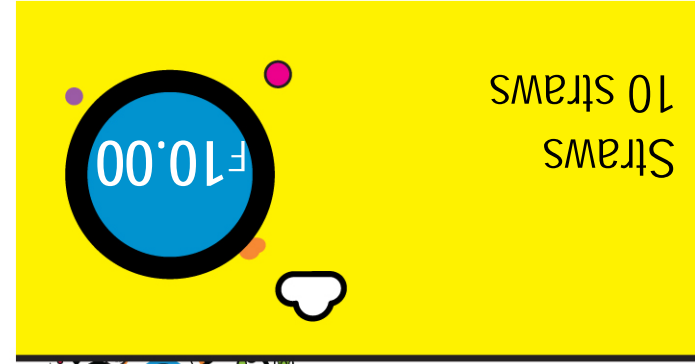
Motor with pulley attachment
Each

F5.00



Straws
10 straws

F10.00



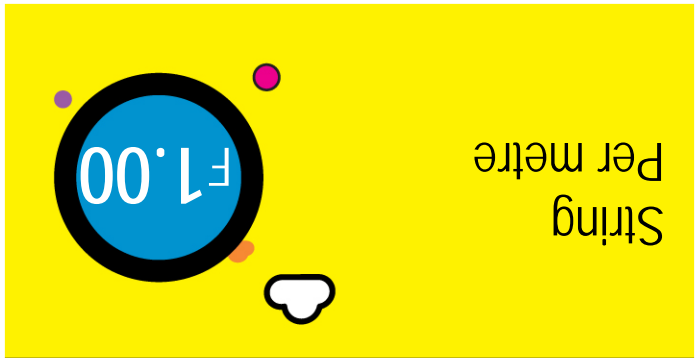
Straws
10 straws

F10.00



String
Per metre

F1.00



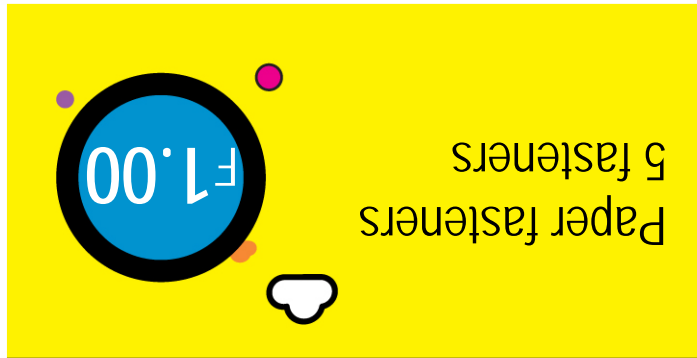
String
Per metre

F1.00



Paper fasteners
5 fasteners

F1.00



Paper fasteners
5 fasteners

F1.00



Paper clips
5 paper clips

F1.00



Paper clips
5 paper clips

F1.00

Elastic bands
10 bands

F2.00



Elastic bands
10 bands

F2.00

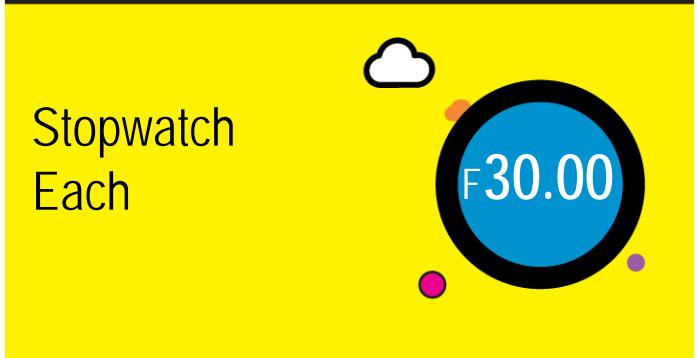
Stopwatch
Each

F30.00



Stopwatch
Each

F30.00



White Tak
Small strip

F5.00



White Tak
Small strip

F5.00



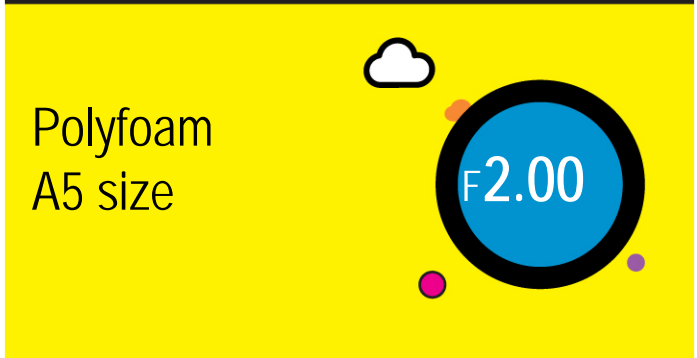
Polyfoam
A5 size

£2.00



Polyfoam
A5 size

£2.00



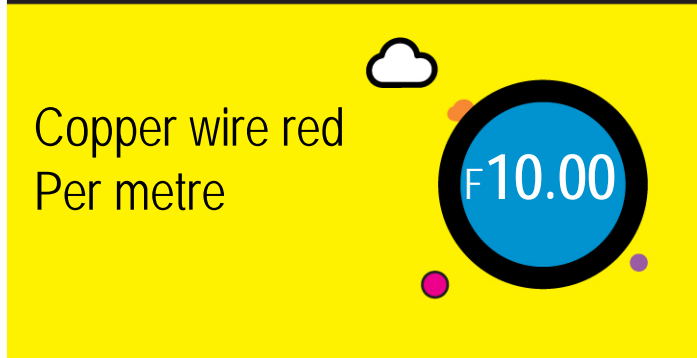
Copper wire red
Per metre

£10.00



Copper wire red
Per metre

£10.00



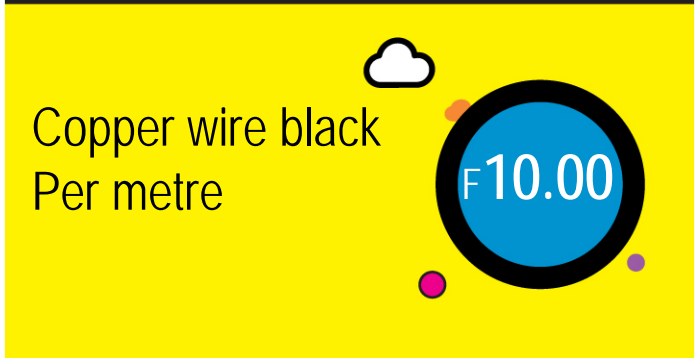
Copper wire black
Per metre

£10.00



Copper wire black
Per metre

£10.00



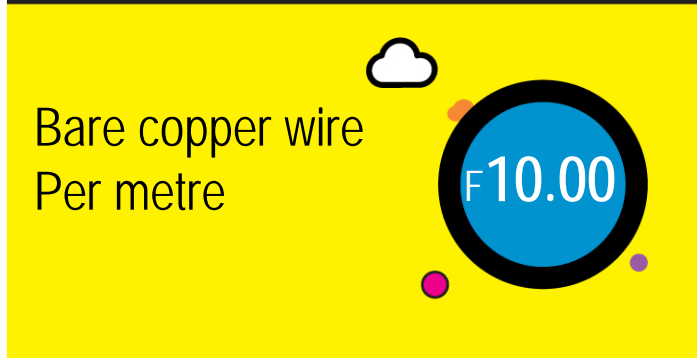
Bare copper wire
Per metre

£10.00



Bare copper wire
Per metre

£10.00



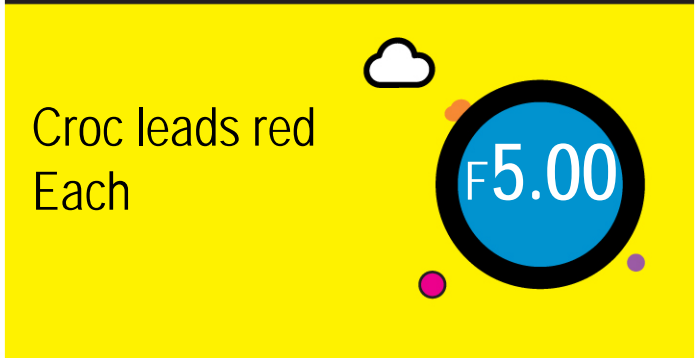
Croc leads red
Each

F5.00



Croc leads red
Each

F5.00



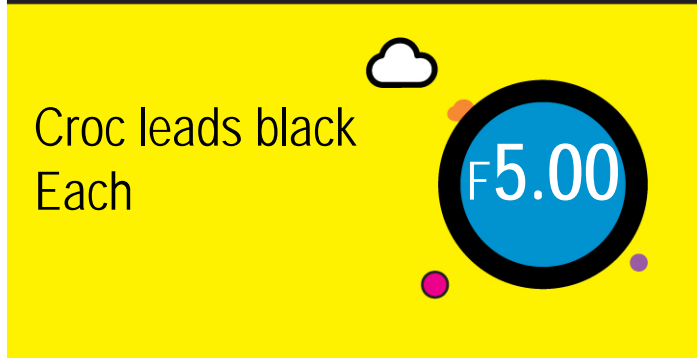
Croc leads black
Each

F5.00



Croc leads black
Each

F5.00



Croc clips
Each

F5.00



Croc clips
Each

F5.00

Terminal blocks
Each

F2.00



Terminal blocks
Each

F2.00

Cog
Large
Each

F12.00



Cog
Large
Each

F12.00

Cog
Medium
Each

F6.00

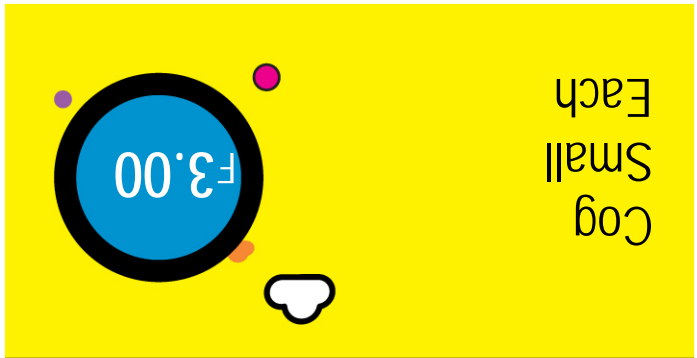


Cog
Medium
Each

F6.00

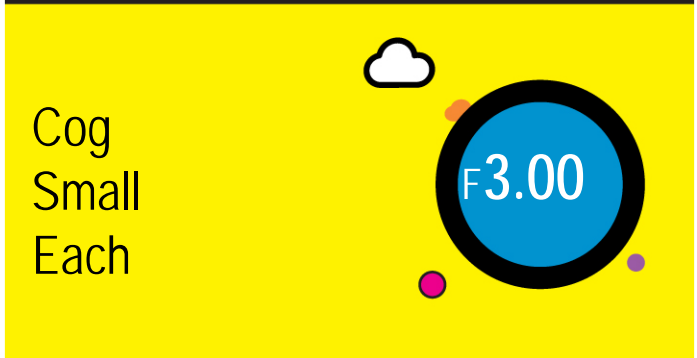
Cog
Small
Each

F3.00



Cog
Small
Each

F3.00



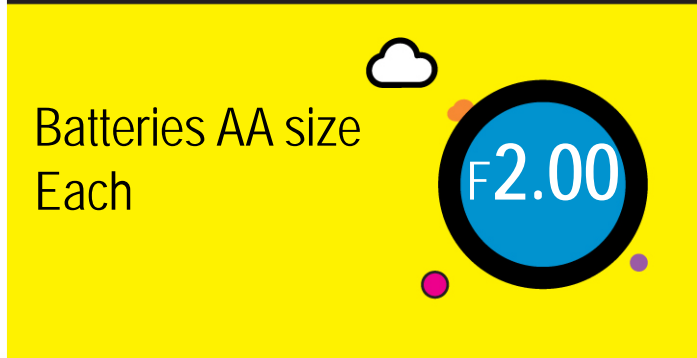
Batteries AA size
Each

F2.00



Batteries AA size
Each

F2.00



Wheel
2 Wheels

F10.00



Wheel
2 Wheels

F10.00

Battery snap
9V
Each

F2.00

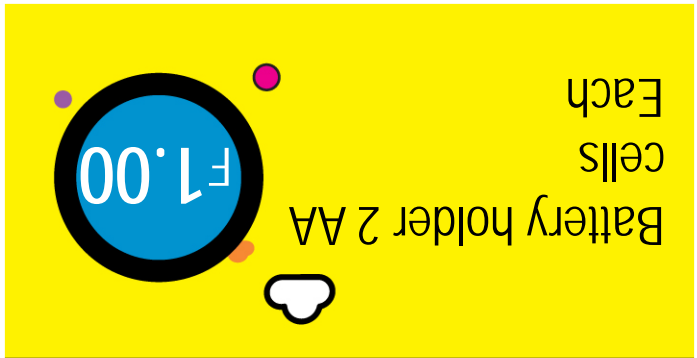


Battery snap
9V
Each

F2.00

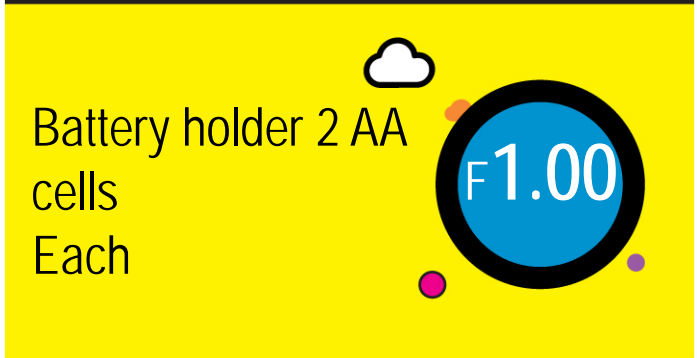
Battery holder 2 AA
cells
Each

F1.00



Battery holder 2 AA
cells
Each

F1.00



Batteries
9V
Each

F5.00



Batteries
9V
Each

F5.00



Buzzers 3 Volt
Each

F5.00



Buzzers 3 Volt
Each

F5.00

Switches
Each

F5.00




Switches
Each

F5.00

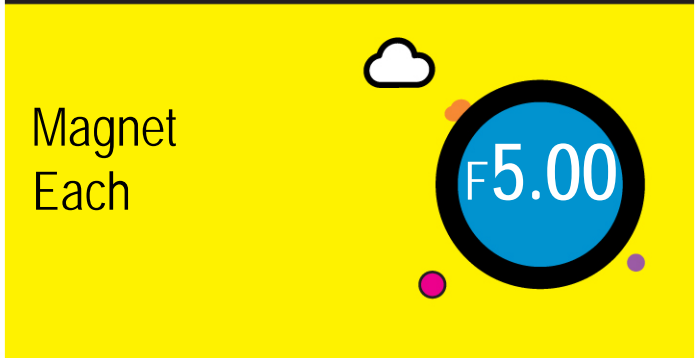
Magnet
Each

F5.00



Magnet
Each

F5.00



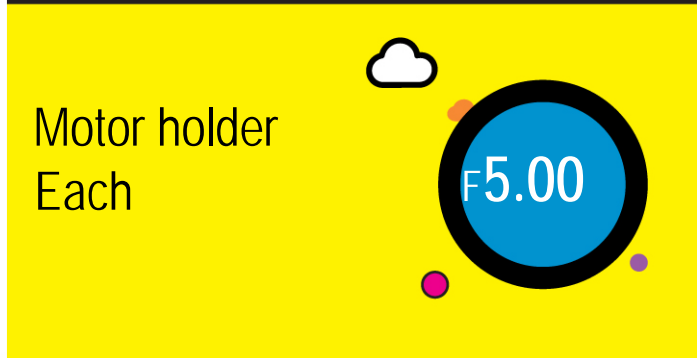
Motor holder
Each

F5.00



Motor holder
Each

F5.00



Hole punch
5 minutes

F5.00



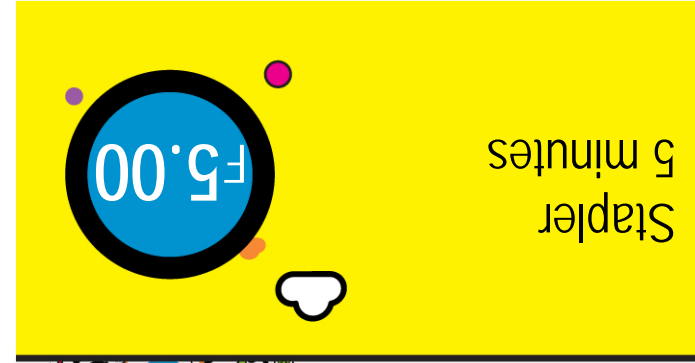
Hole punch
5 minutes

F5.00



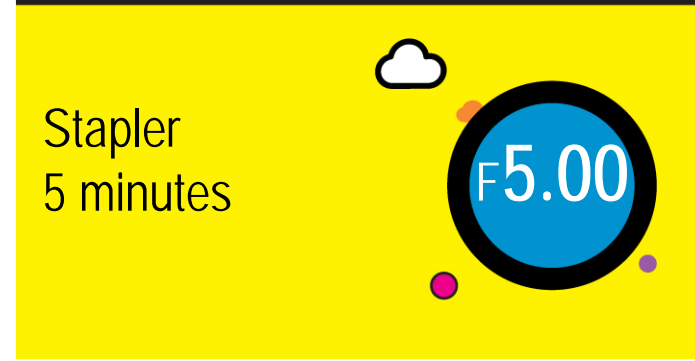
Stapler
5 minutes

F5.00



Stapler
5 minutes

F5.00



Screwdriver small
5 minutes

F1.00



Screwdriver small
5 minutes

F1.00

Calculator
5 minutes

F10.00



Calculator
5 minutes

F10.00

Craft knife
FREE

F0.00



Craft knife
FREE

F0.00

Glue gun
FREE

F0.00




Glue gun
FREE

F0.00

Lollipop Sticks
1 Stick

F1.00



Lollipop Sticks
1 Stick

F1.00



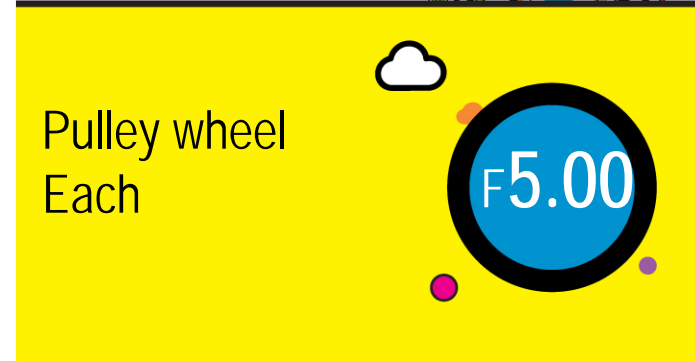
Pulley wheel
Each

F5.00



Pulley wheel
Each

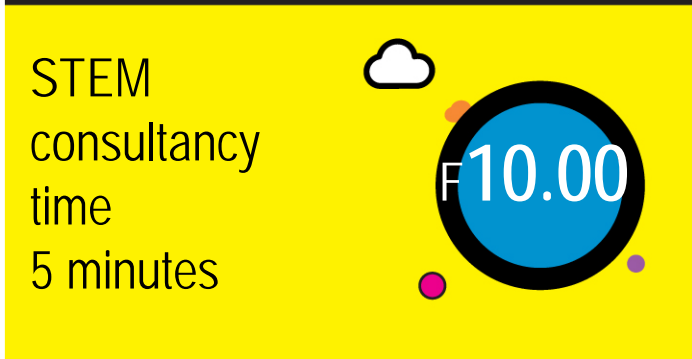
F5.00



STEM
consultancy
time
5 minutes

A yellow rectangular badge with a black border. On the left, there is a blue circle with a black outline containing the text 'F10.00' in white. To the right of the circle is a white cloud icon. The text 'STEM consultancy time 5 minutes' is written in black on the right side of the badge.

STEM
consultancy
time
5 minutes

A yellow rectangular badge with a black border. On the right, there is a blue circle with a black outline containing the text 'F10.00' in white. To the left of the circle is a white cloud icon. The text 'STEM consultancy time 5 minutes' is written in black on the left side of the badge.



The IET

Faraday Challenge Day

**Shop manager
balance sheet**



Faraday Challenge Day

Shop Manager Balance Sheet School Date

Faradays spent at each visit to the shop	Team 1	Team 2	Team 3	Team 4	Team 5	Team 6	Team 7
1							
2							
3							
4							
5							
6							
7							
8							
9							
10							
TOTAL FARADAYS SPENT							



Purchasing notes for the Shop Manager (Technician)

- This sheet will be used to cross-check student team's accounting sheets for scoring
- Use this sheet to record every transaction with students – item and cost
- Students may sell back unwanted items at half price
- Students may buy lower measurements of materials at a reduced price – i.e. metre of red copper wire = 10 Faradays per metre as a standard cost. Students may buy half a metre for 5 Faradays
- Students must not use craft knife themselves. Cutting into desired size by the Shop Manager (Technician) is included in the price.
- Gluing using low melt guns and cutting is free of charge and students may operate these under supervision of the Shop Manager (Technician)



The IET

Faraday Challenge Day

Signage



Cutting Station



Recycled Materials

F5.00



Inspiration Station



Gluing Station



Rocket Facility



Test Area



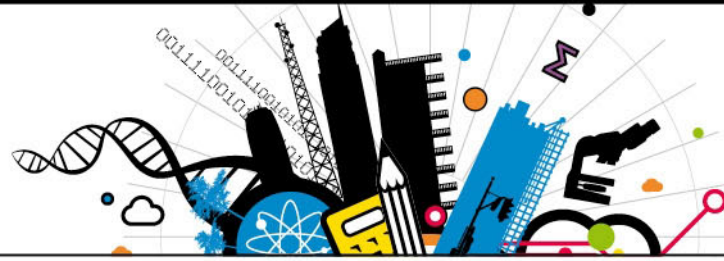
For Hire



Judge's Table



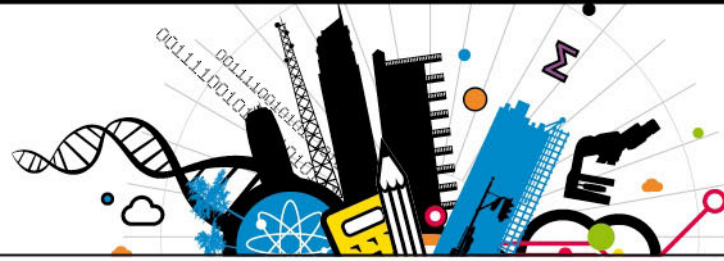
The Shop



TEAM

1

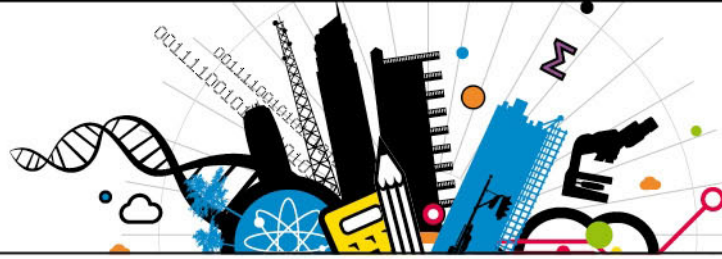
My School name is:



TEAM

2

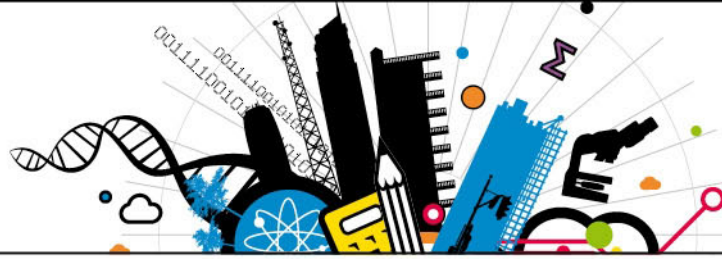
My School name is:



TEAM

3

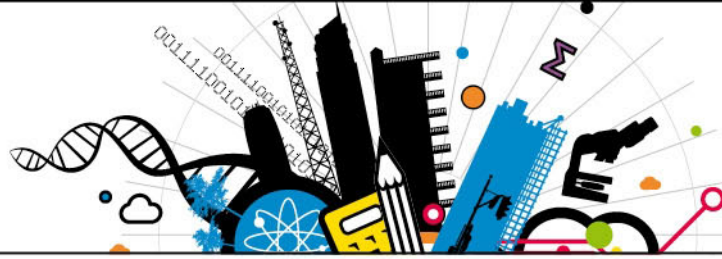
My School name is:



TEAM

4

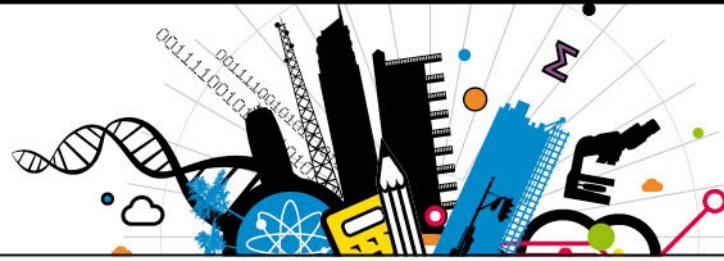
My School name is:



TEAM

5

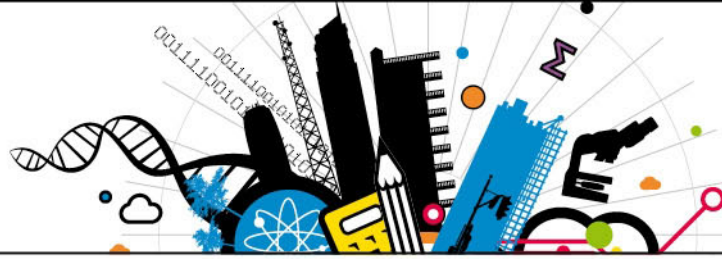
My School name is:



TEAM

6

My School name is:



TEAM

7

My School name is,