



DIY Faraday Challenge Day



Presented to

Signed by

Date _____

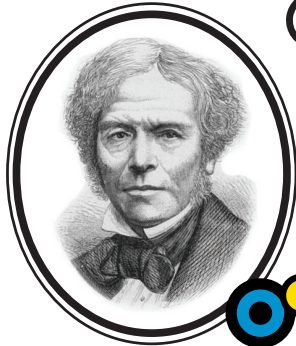


Go online to find out more!

www.ietfaraday.org

Faraday

Faraday Reserve Note **ONE FARADAY**

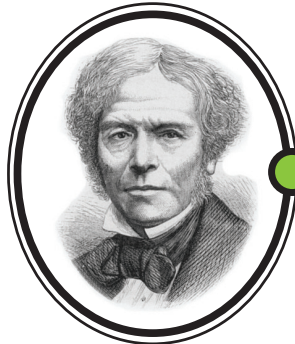


Michael Faraday



Faraday

Faraday Reserve Note **FIVE FARADAYS**

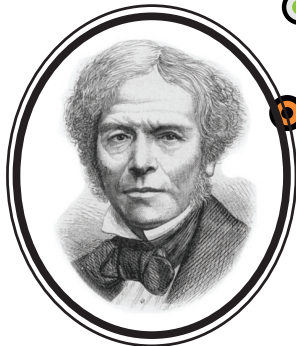


Michael Faraday



Faraday

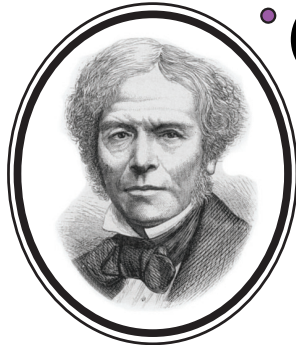
Faraday Reserve Note **TEN FARADAYS**



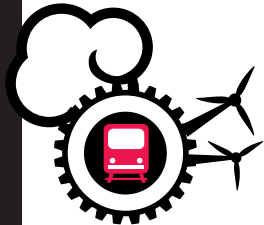
Michael Faraday

Faraday

Faraday Reserve Note **TWENTY FARADAYS**



Michael Faraday





Faraday Challenge Day

Name

Role





Faraday Challenge Day

STEM Consultant



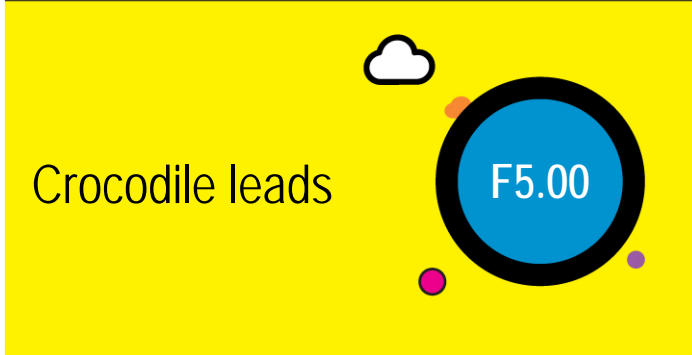
Crocodile leads

F5.00



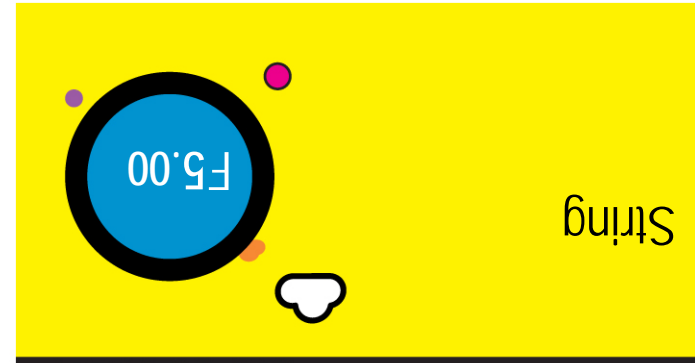
Crocodile leads

F5.00



String

F5.00



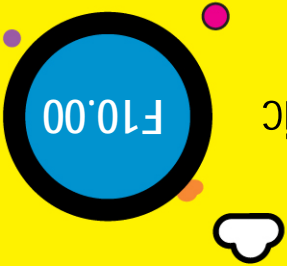
String

F5.00




Corrugated plastic

F10.00



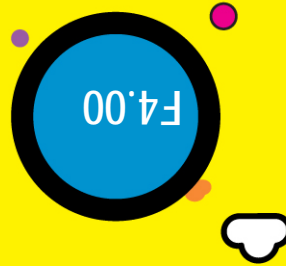
Corrugated plastic

F10.00



Weights

F4.00



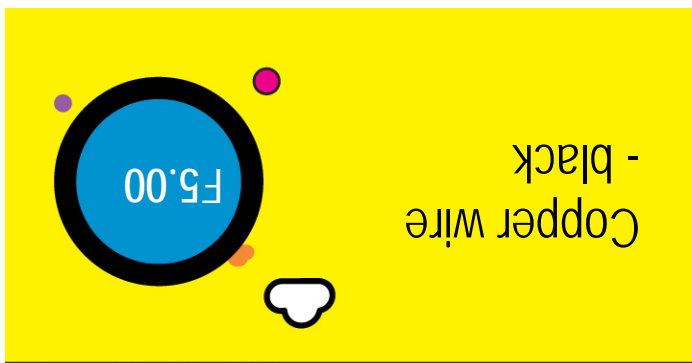
Weights

F4.00



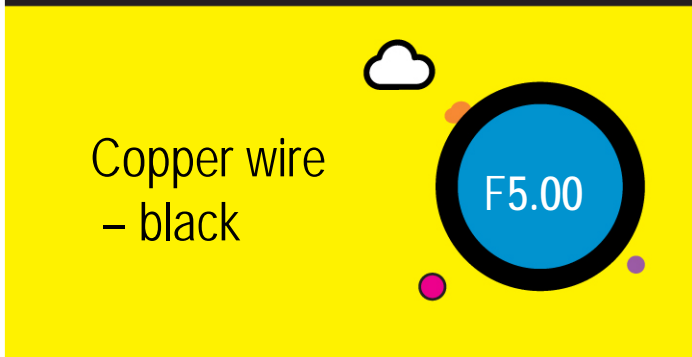
Copper wire
- black

F5.00



Copper wire
- black

F5.00



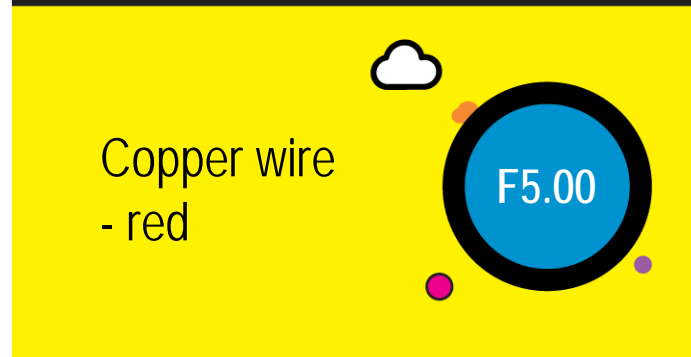
Copper wire
- red

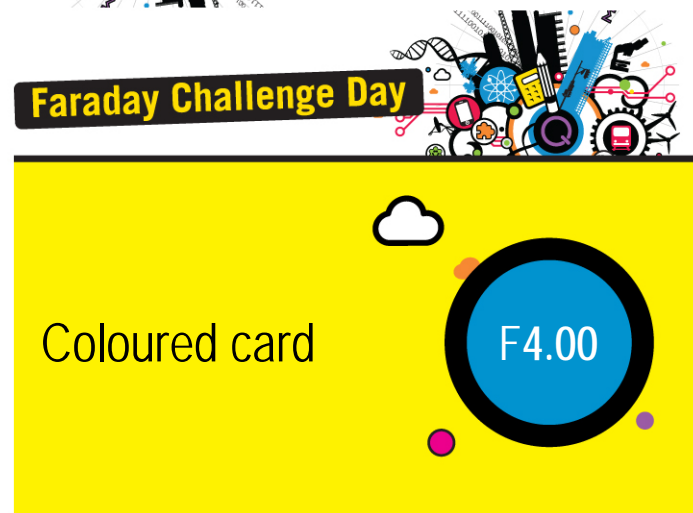
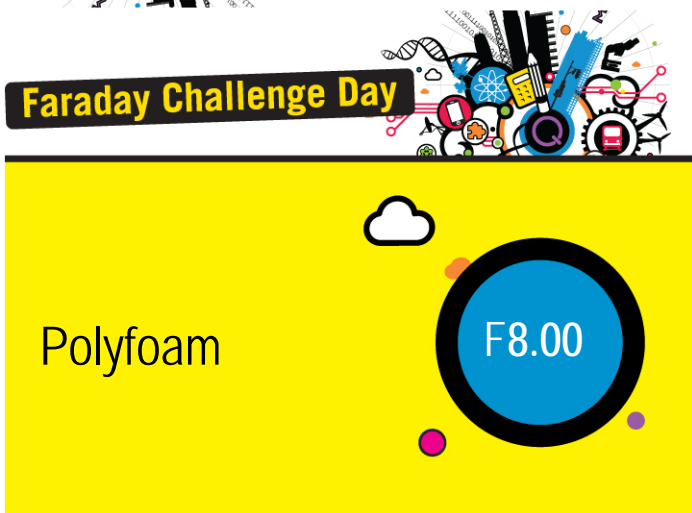
F5.00

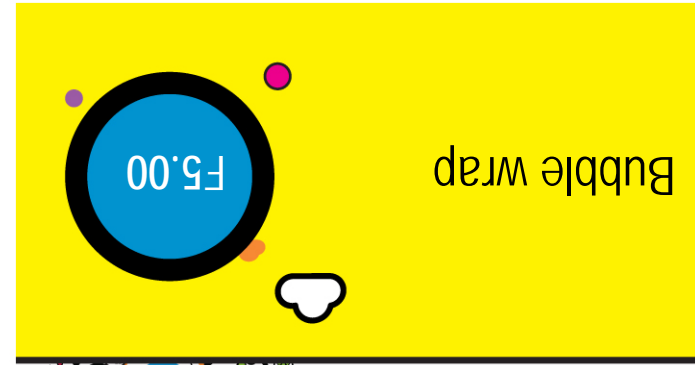
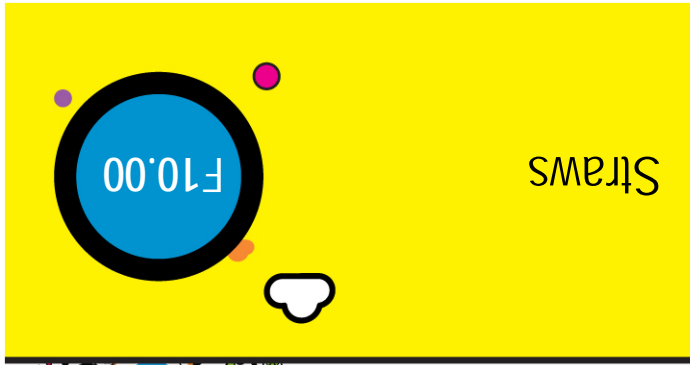


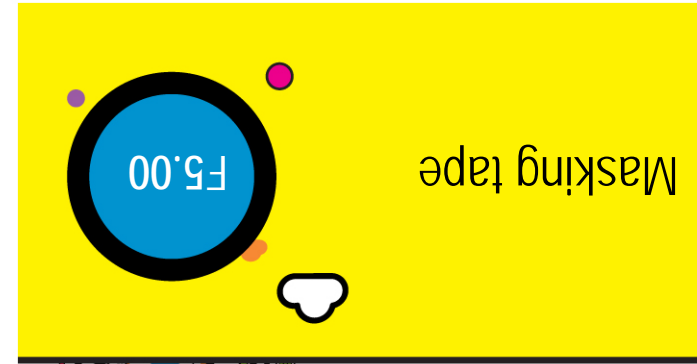
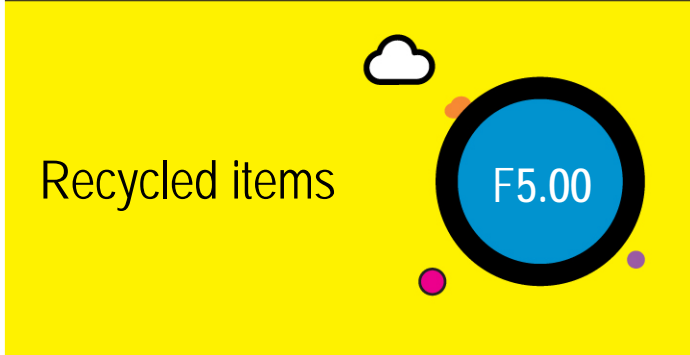
Copper wire
- red

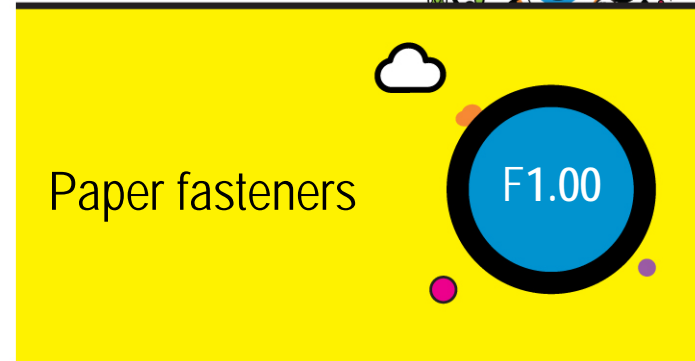
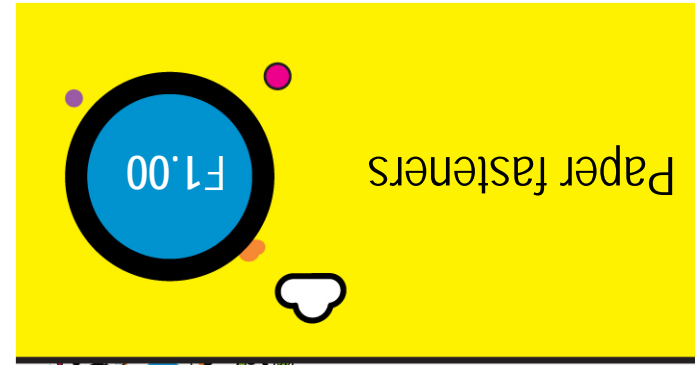
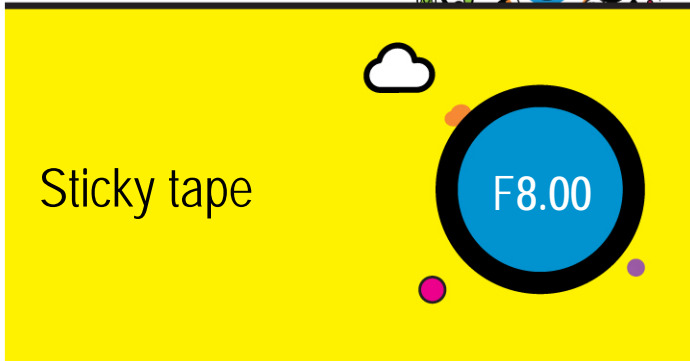
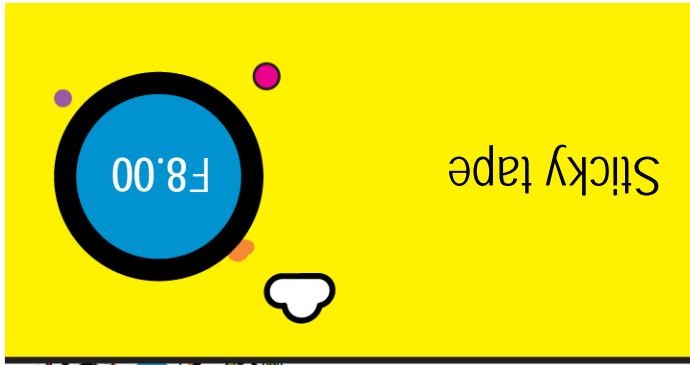
F5.00





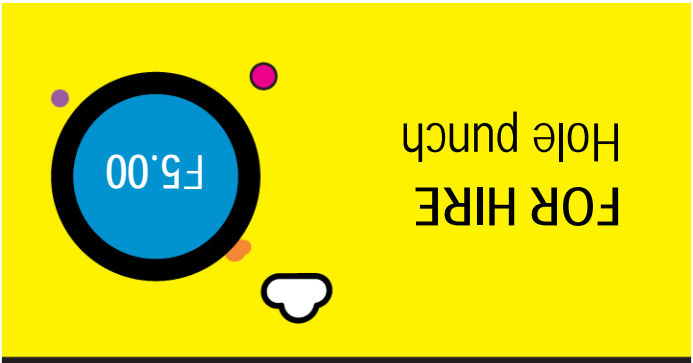






FOR HIRE
Hole punch

F5.00



FOR HIRE
Hole punch

F5.00



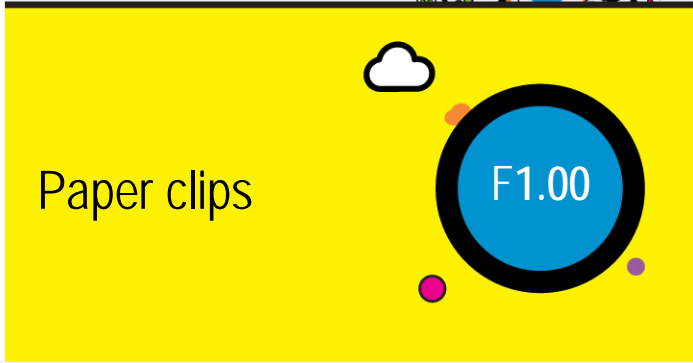
Paper clips

F1.00



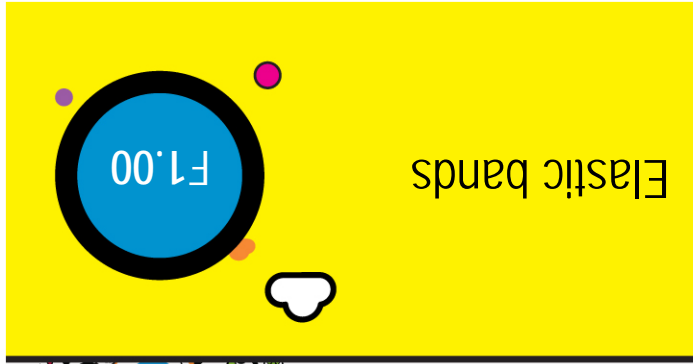
Paper clips

F1.00



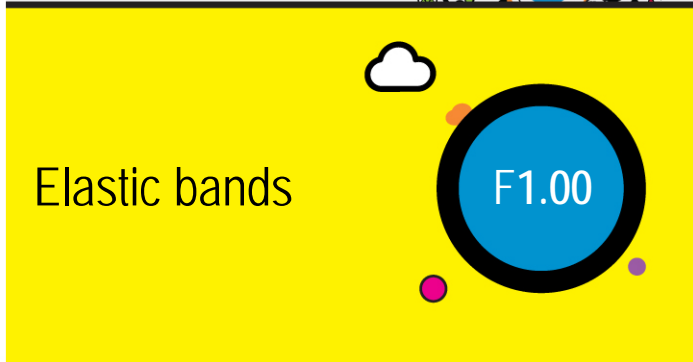
Elastic bands

F1.00



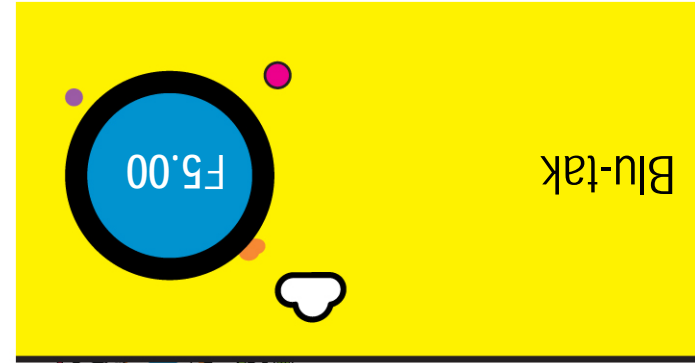
Elastic bands

F1.00



Blu-tak

F5.00



Blu-tak

F5.00



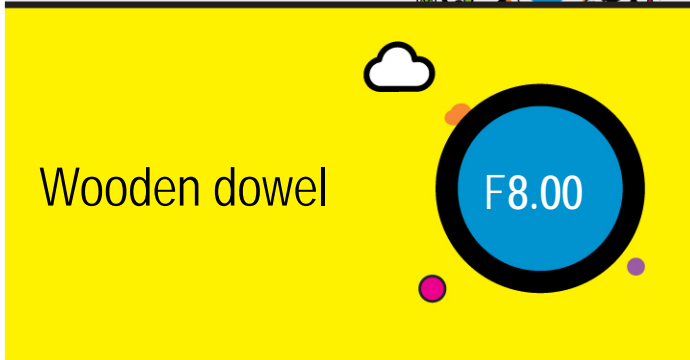
Wooden dowel

F8.00



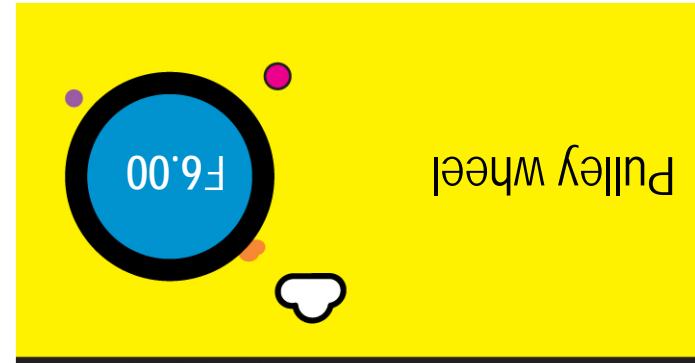
Wooden dowel

F8.00



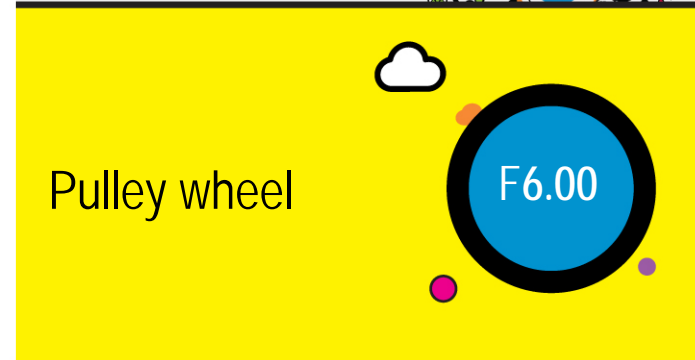
Pulley wheel

F6.00



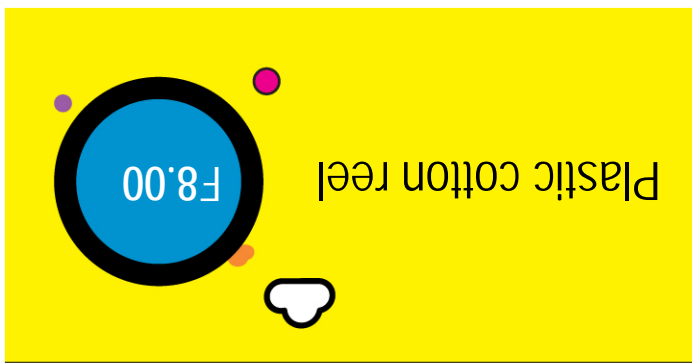
Pulley wheel

F6.00



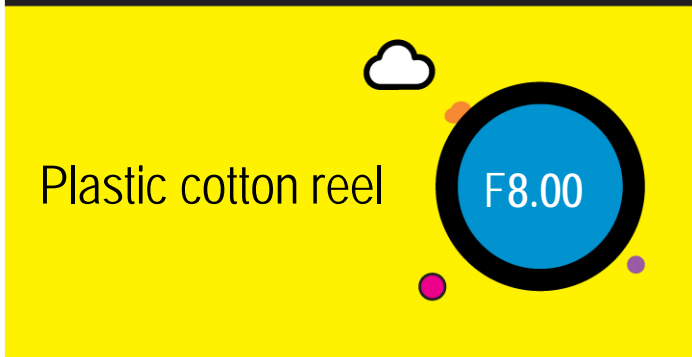
Plastic cotton reel

F8.00



Plastic cotton reel

F8.00



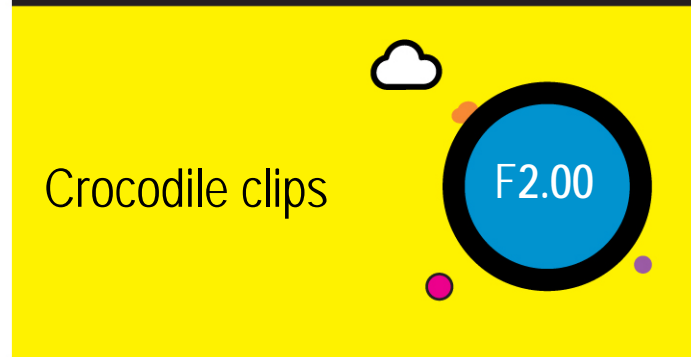
Crocodile clips

F2.00



Crocodile clips

F2.00



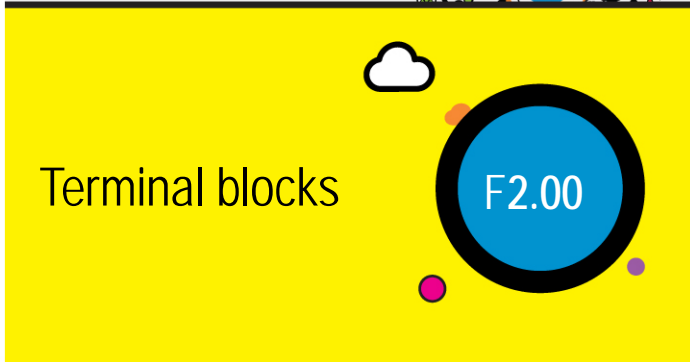
Terminal blocks

F2.00



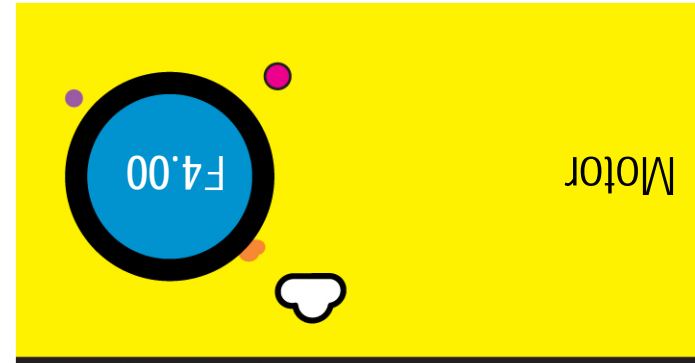
Terminal blocks

F2.00



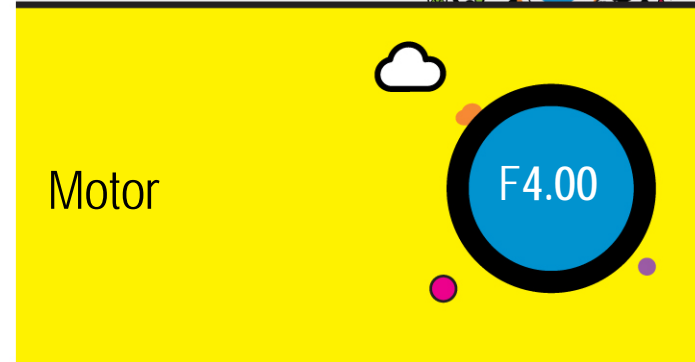
Motor

F4.00



Motor

F4.00



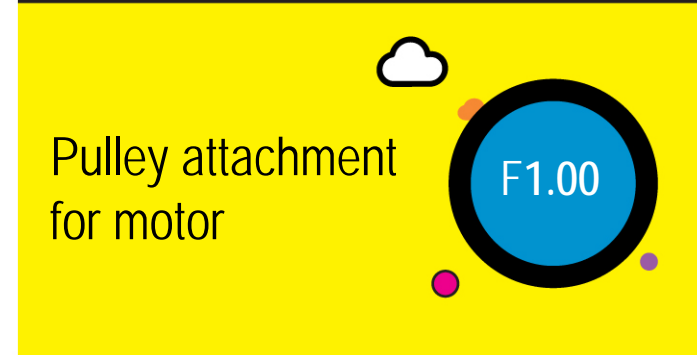
Pulley attachment
for motor

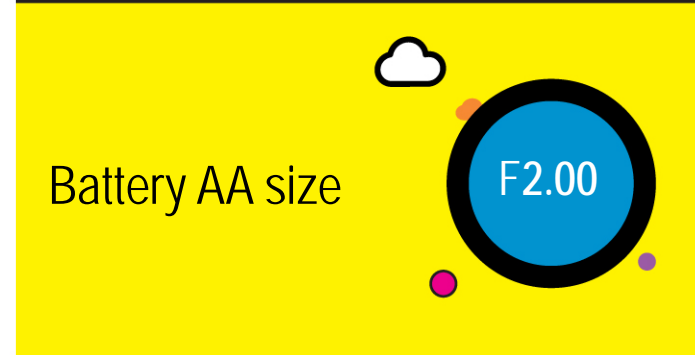
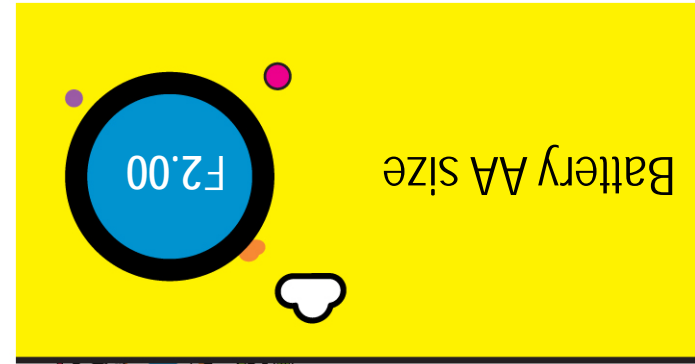
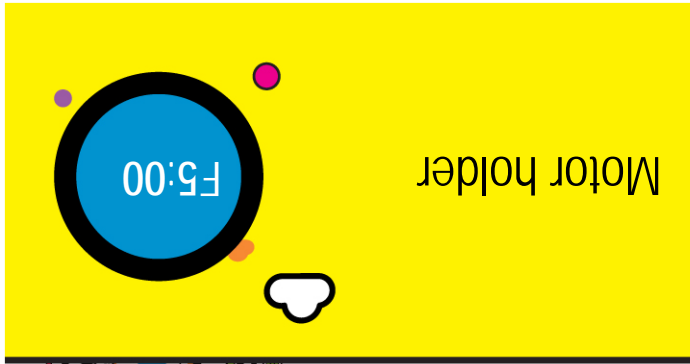
F1.00

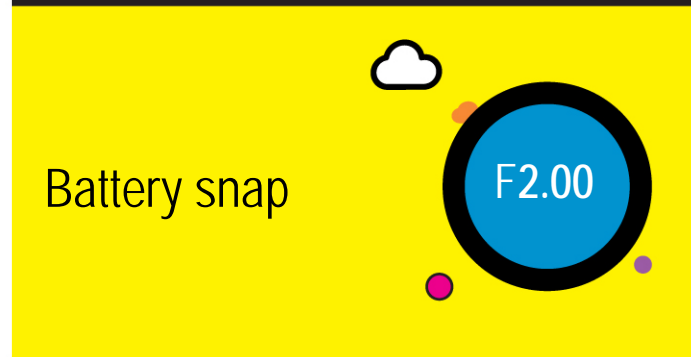
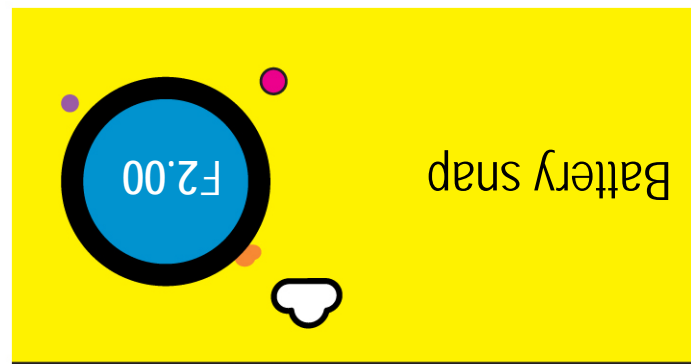
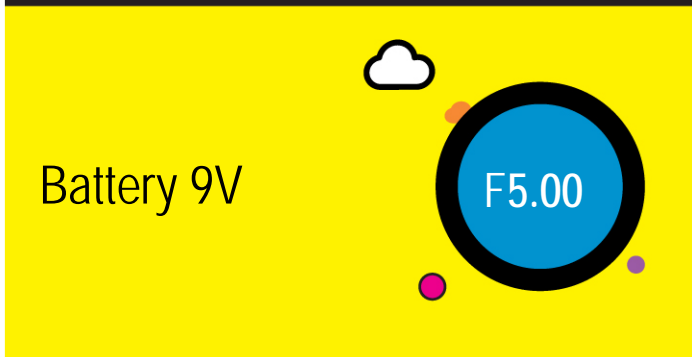
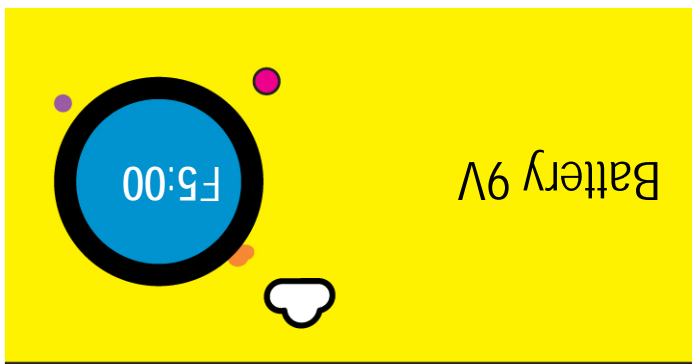


Pulley attachment
for motor

F1.00








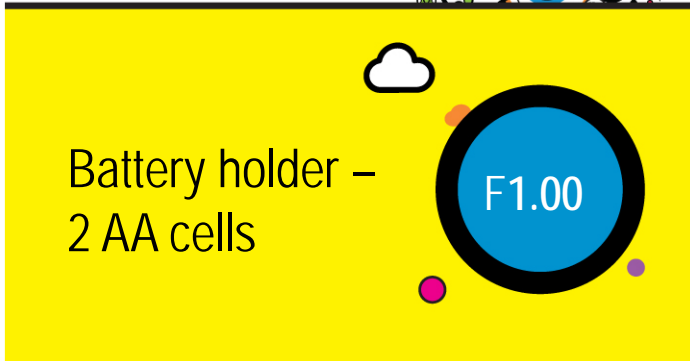
Battery holder –
2 AA cells

F1:00



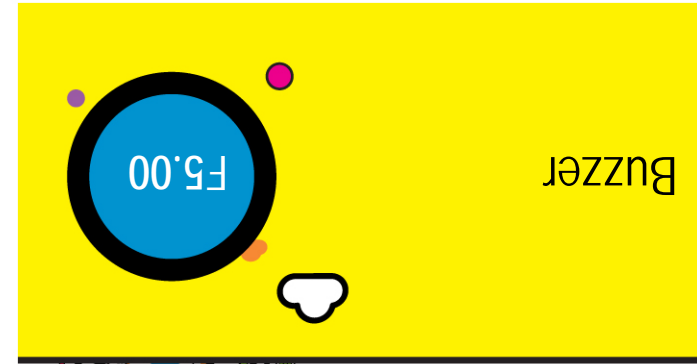
Battery holder –
2 AA cells

F1.00



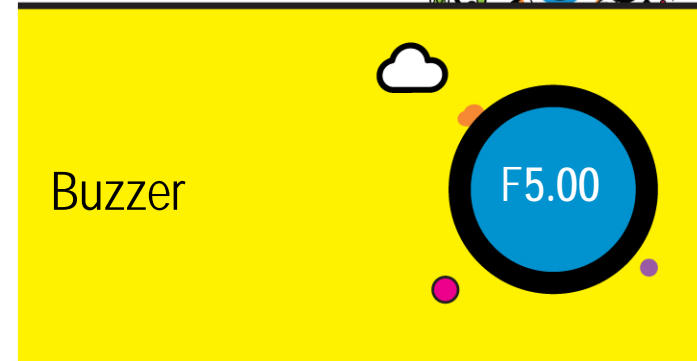
Buzzer

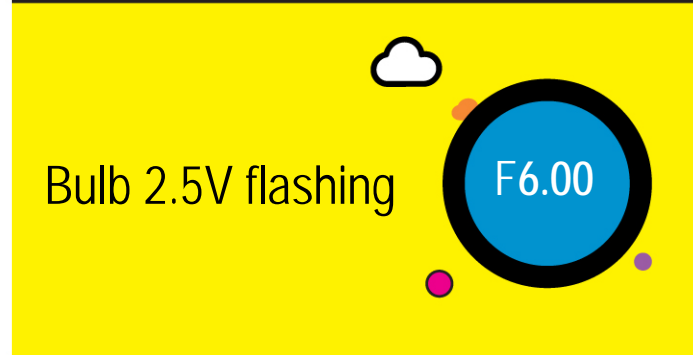
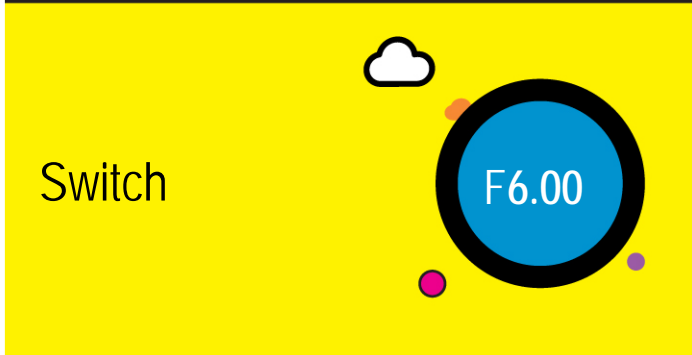
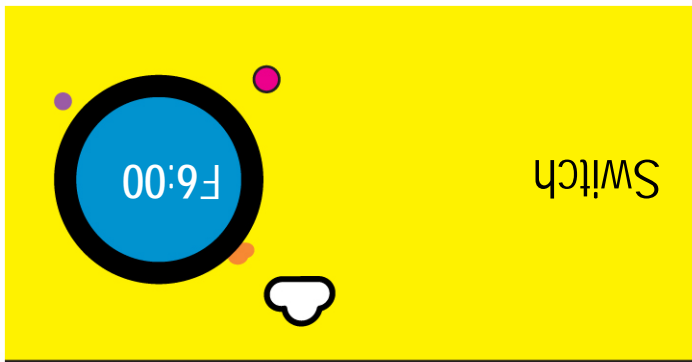
F5.00

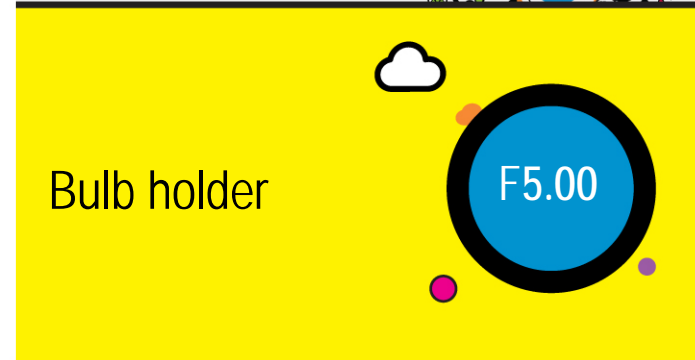
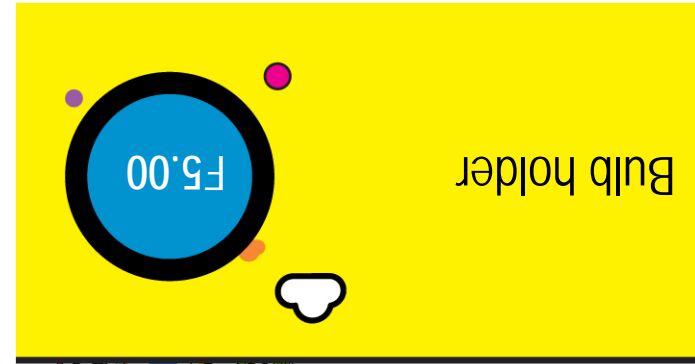
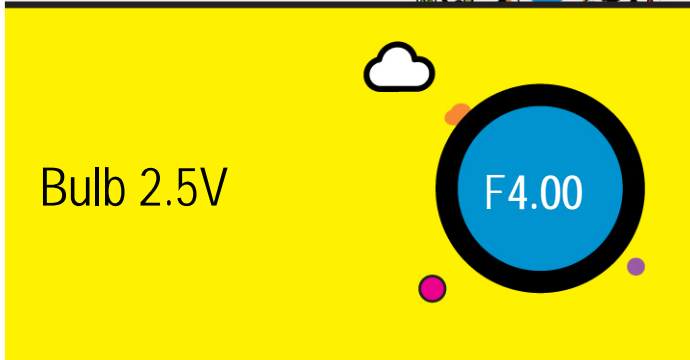
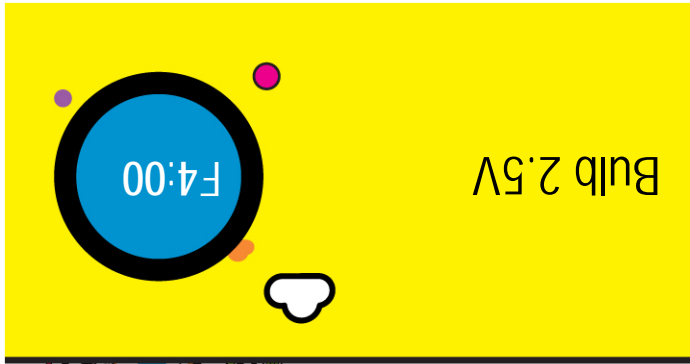


Buzzer

F5.00







FOR HIRE
Consultancy time

F10.00



FOR HIRE
Consultancy time

F10.00



FOR HIRE
Stapler

F6.00



FOR HIRE
Stapler

F6.00



Other resources –
for reasonable use

FREE



Other resources –
for reasonable use

FREE





IET 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 (Teachers)
1							
2							
3							
4							
5							
6							
7							
8							
9							
10							
11							
TOTAL FARADAYS SPENT							



Account sheet

Team.....

You will need to keep an accurate record of all the purchases your team makes.

Materials/resources purchased	Quantity	Cost		Faradays remaining
		Spent	Received	
Total Faradays remaining:				



Assessment matrix

Assessment Matrix

Host name:

Date:

Assessment Criteria		Team 1	Team 2	Team 3	Team 4	Team 5	Team 6	Team 7
Planning	15							
Development	25							
Accounting	10							
Quality and performance - aeroplane	15							
Quality and performance - transporter	25							
Teamwork	10							
Total score	100							
Faradays spent								

Team	School/Team name
1	
2	
3	
4	
5	
6	
7	