

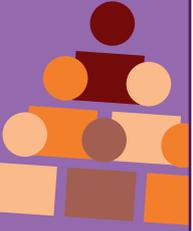
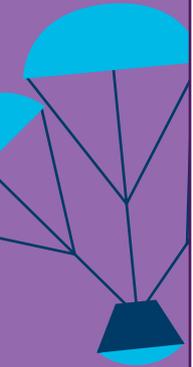
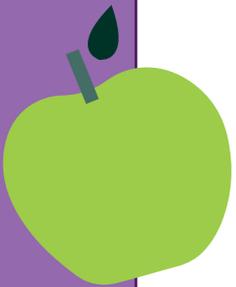
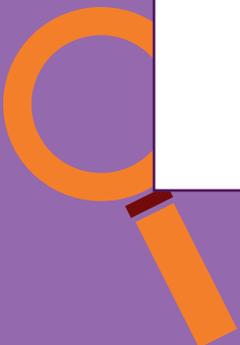
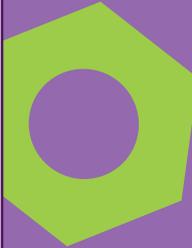
DIY Faraday Challenge Day

Presented to

Signed by

Date

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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	



Student Team Registration Form

Team.....

Faraday Challenge Date:.....

Your School Name:.....

Your Teacher's Name:.....

Team Member Names (please print clearly):

	First name	Surname
1		
2		
3		
4		
5		
6		



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							





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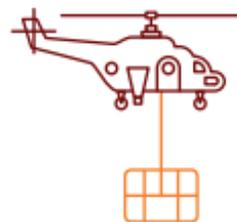
Faraday Challenge Days

F1

Faraday Reserve Note



One Faraday



Michael Faraday





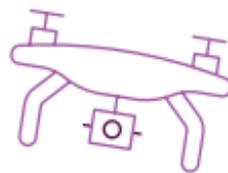
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F5

Faraday Reserve Note

Five Faradays



Michael Faraday





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Faraday Challenge Days

F10

Faraday Reserve Note

Ten Faradays

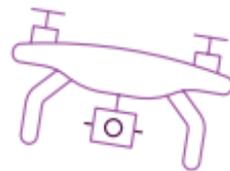
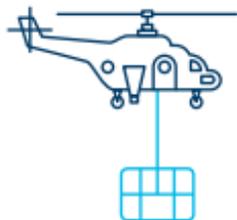


Michael Faraday

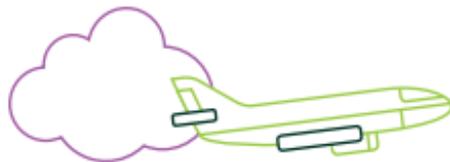
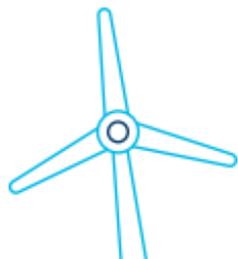


Faraday Reserve Note

Twenty Faradays



Michael Faraday



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F5.0

Crocodile leads

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Crocodile leads

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F4.0

Motor

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Motor

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F5.0

Buzzer 3V



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Buzzer 3V

F5.0



F5.0

Motor holder



Faraday Challenge Days

Motor holder

F5.0



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Batteries
AA size

F2.0

Batteries
AA size

F2.0

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Batteries – 9V
F6.0

Batteries – 9V
F6.0

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F2.0

Battery snap



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Battery snap

F2.0



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F1.0

Battery holder



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Battery holder

F1.0



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F4.0

Bulbs 2.5V



Bulbs 2.5V

F4.0



F6.0

Switch



Switch

F6.0



F5.0

Bulb holder



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Bulb holder

F5.0



F2.0

Gear attachment for motor



Faraday Challenge Days

Gear attachment for motor

F2.0





F2.0

Pulley attachment for motor



Pulley attachment for motor

F2.0



F8.0

Sticky tape



Sticky tape

F8.0

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F10.0

Corrugated plastic

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Corrugated plastic

F10.0

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F2.0

Plastic syringes with tube

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Straws

F2.0

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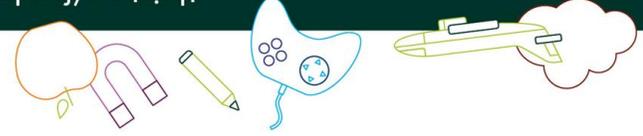
F3.0

Small cog



Small cog

F3.0



F5.0

Medium cog



Medium cog

F5.0





F8.0

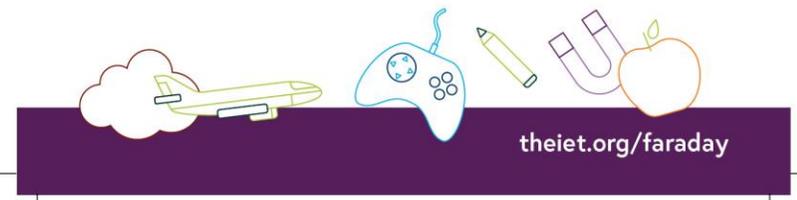
Large cog



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Large cog

F8.0



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F8.0

Dowel



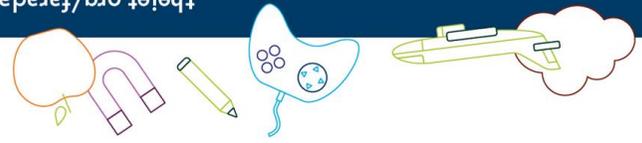
Faraday Challenge Days

Dowel

F8.0

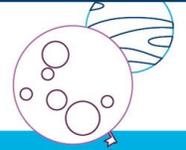


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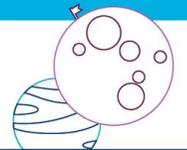


F6.0

Pulley wheel

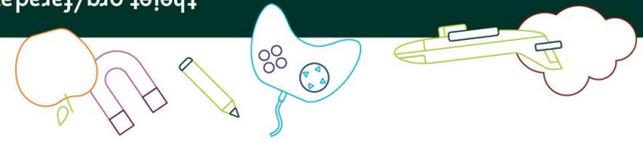


Faraday Challenge Days



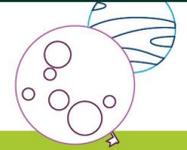
Pulley wheel

F6.0

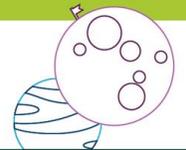


F4.0

Wooden wheel

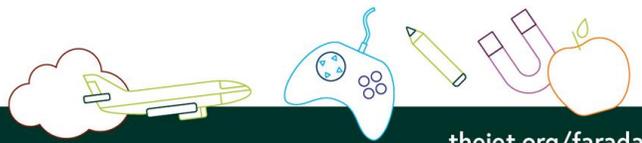


Faraday Challenge Days



Wooden wheel

F4.0





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F8.0

Plastic reel

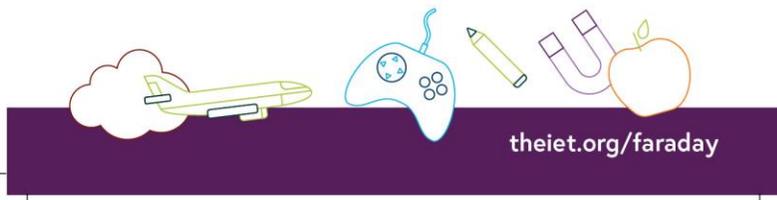


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Plastic reel

F8.0



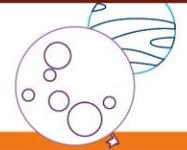
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F5.0

Wooden lolly stick



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Wooden lolly stick

F5.0

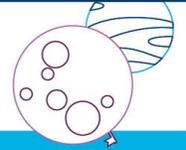


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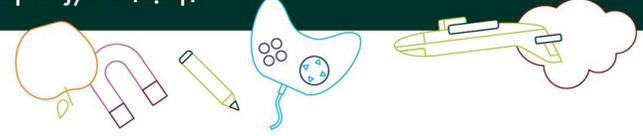
F4.0

Coloured card



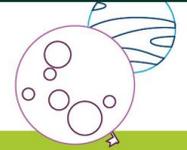
Coloured card

F4.0



F4.0

Tissue paper



Tissue paper

F4.0



F5.0

Masking tape



Masking tape

F5.0



F8.0

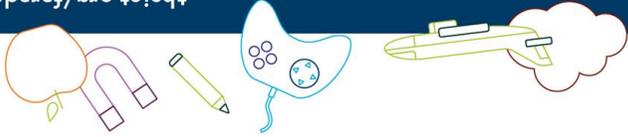
Polyfoam



Polyfoam

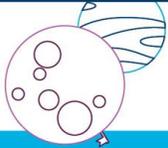
F8.0

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F1.0

Paperclip (five)



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Paperclip (five)

F1.0



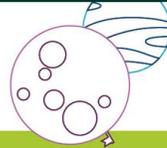
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F1.0

Paper fastener (five)



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Paper fastener (five)

F1.0



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F1.0

Elastic band



Elastic band

F1.0



F5.0

Blu-tak



Blu-tak

F5.0





F5.0

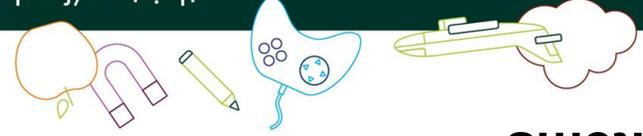
String



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String

F5.0



F5.0

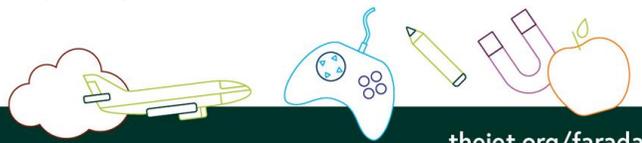
**Recycled
items**



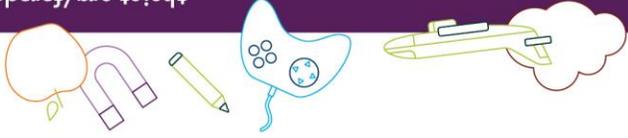
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**Recycled
items**

F5.0

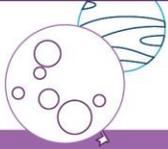


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F4.0

Weights



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Weights

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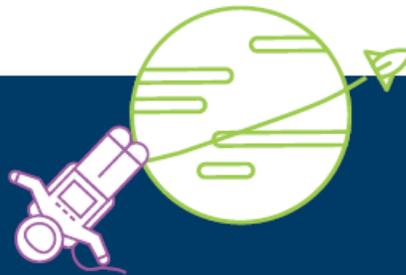


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STEM Consultant





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Name

Role

