



Education

The IET

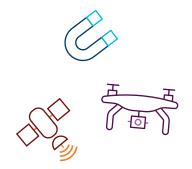
DIY Faraday Challenge Day

Emergency Communications Teacher Extras

theiet.org/faraday

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DIY Faraday Challenge Day







Presented to

Signed by

Date







Student Team Registration Form

Team No:

Faraday Challenge Date:
Your School Name:
Your Teacher's Name:

Team Members

1	•				 •	•		•	•	• •	 •	•	•	•	• •			•	• •		•	•	 •	•	•	 		•
2	•	•		•	 •	•		• •	•	•	 •	•	•	•				•	• •		•	•	 •	•	•	 		•
3	•	•	••	•	 • •	•	••	• •	•	• •	 • •	•	•	•			1	•	• •	• •	•	• '	 • •	•	•	 		•
4	•	•			 • •	•		• •	•	• •	 • •	•	•	•				•		• •	•	• '	 • •	•	•	 		•
5	•	•	••	•	 •	•			•	• •	 •	•	•	•				•	• •		•	•	 •	•	•	 	• •	•
6		•		•	 • •	•			•	• •	 • •	•	•	•		• •		•	• •		•	• •	 • •	•	•	 		







Faraday Challenge Day

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 the accounting sheets from the student teams 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)







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DIY Faraday Challenge Day

Emergency Communications Final messages

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Message 1

The message you need to transmit to your team is:

FOOD ARRIVING

You have 5 minutes. Good luck!

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Message 2

The message you need to transmit to your team is:

TRANSPORT NOW

You have 5 minutes. Good luck!

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Message 3

The message you need to transmit to your team is:

ENGINEER HELP

You have 5 minutes. Good luck!







Message 4

The message you need to transmit to your team is:

HELICOPTER OK

You have 5 minutes. Good luck!

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Message 5

The message you need to transmit to your team is:

HELP TOMORROW

You have 5 minutes. Good luck!







Message 6

The message you need to transmit to your team is:

SOLUTION DONE

You have 5 minutes. Good luck!

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Message 7

The message you need to transmit to your team is:

RESCUE COMING

You have 5 minutes. Good luck!

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Message 8

The message you need to transmit to your team is:

OK COMMUNICATE

You have 5 minutes. Good luck!

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Practice message:

NEED ENGINEER IN AT 5

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Practice message:

WILL NOT COME UNTIL 8

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Education

Town Alpha







Education

Town Beta

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Cutting Station

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Gluing Station



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Education

Inspiration Station







Education

Judges Table







Education

Recycled Materials

F5.00







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Test Area



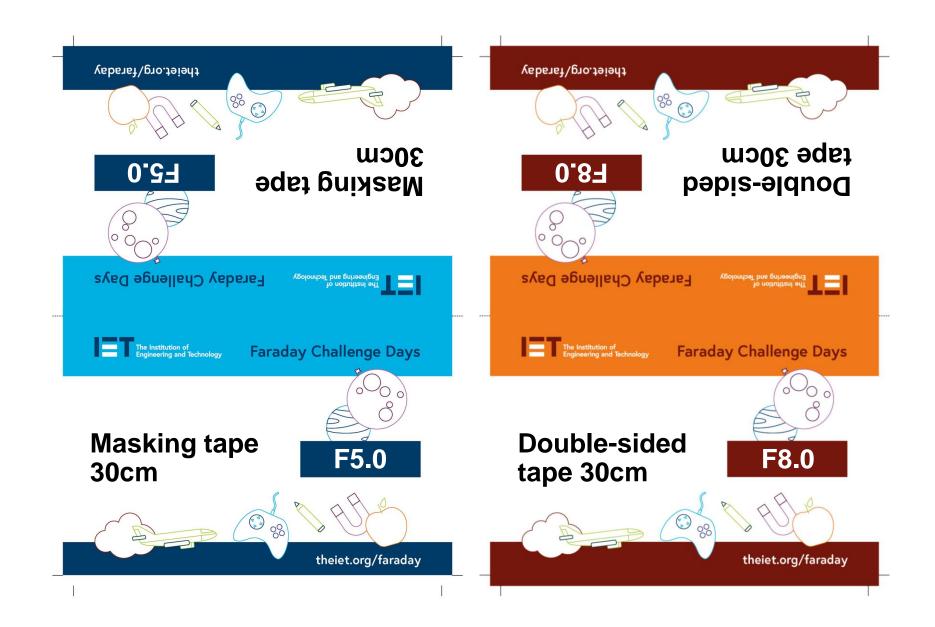




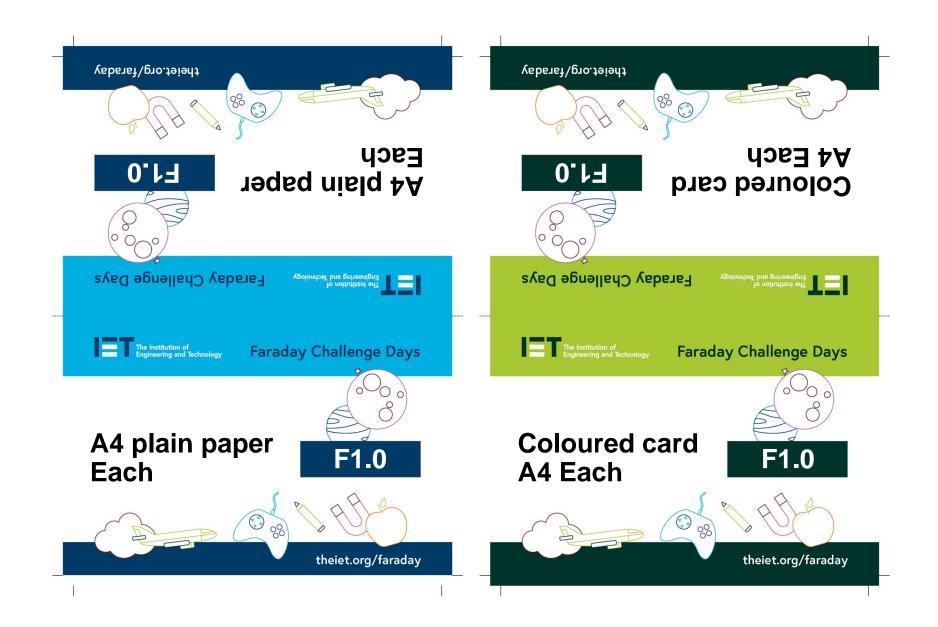
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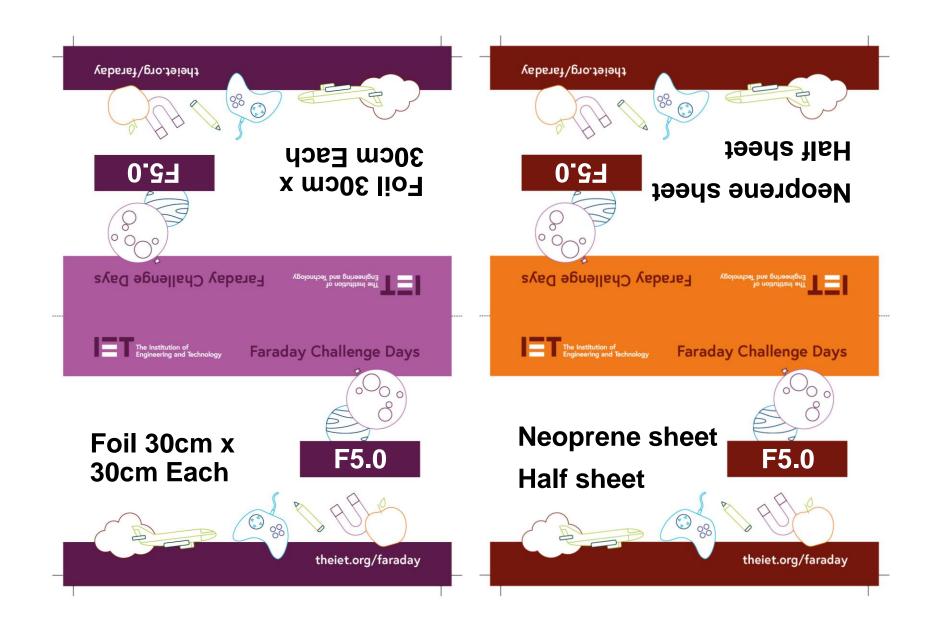
The Shop

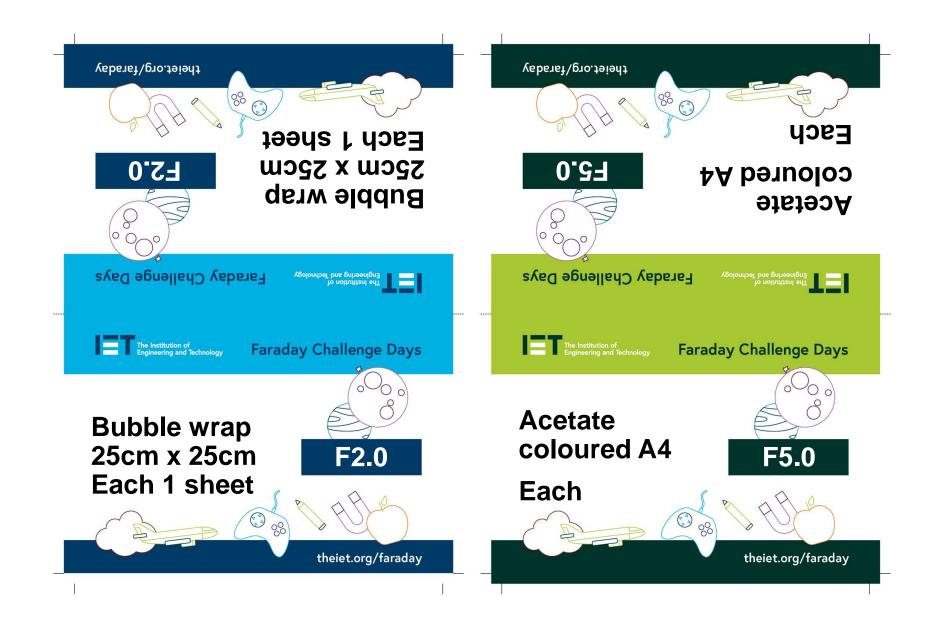
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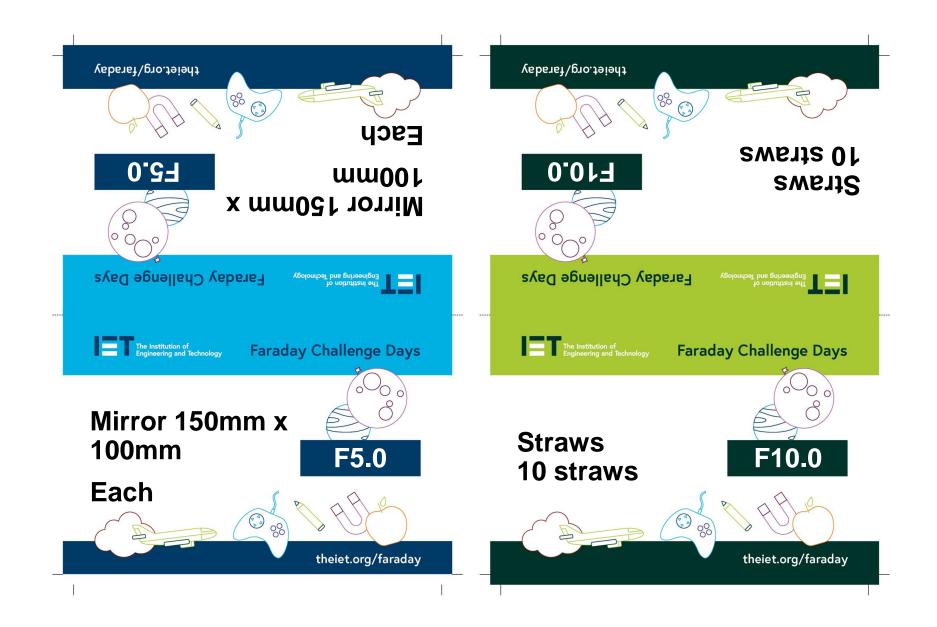


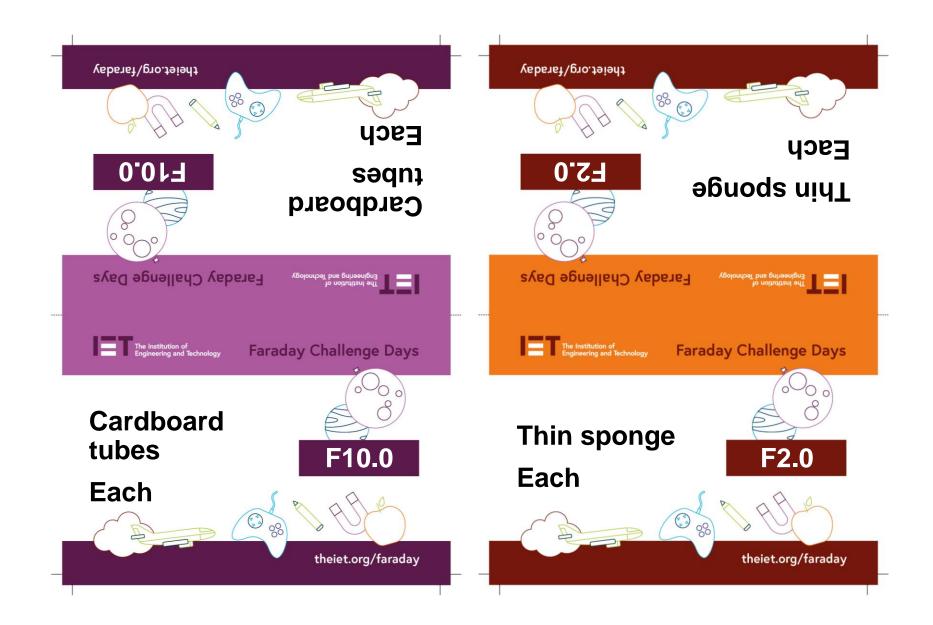




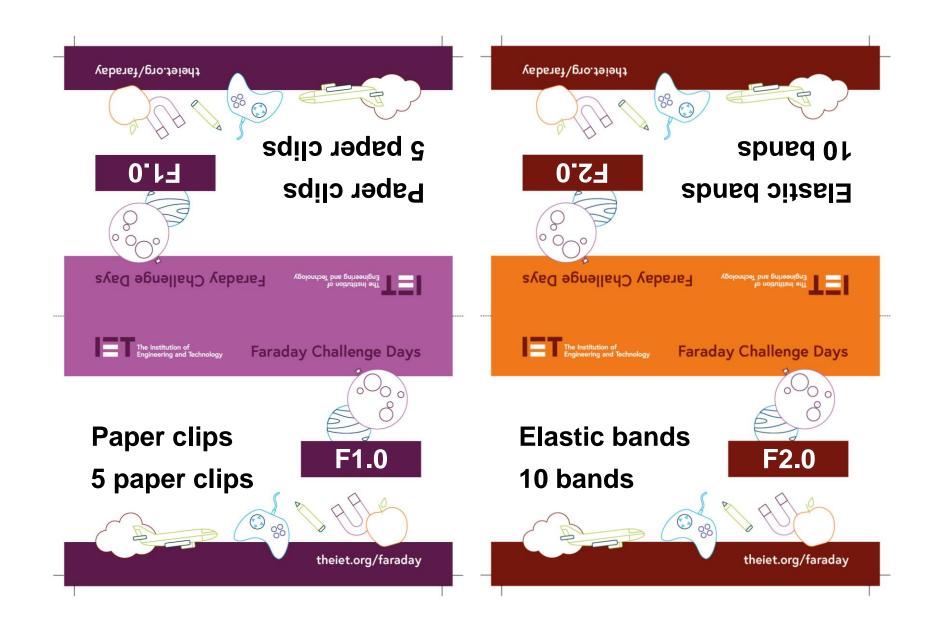


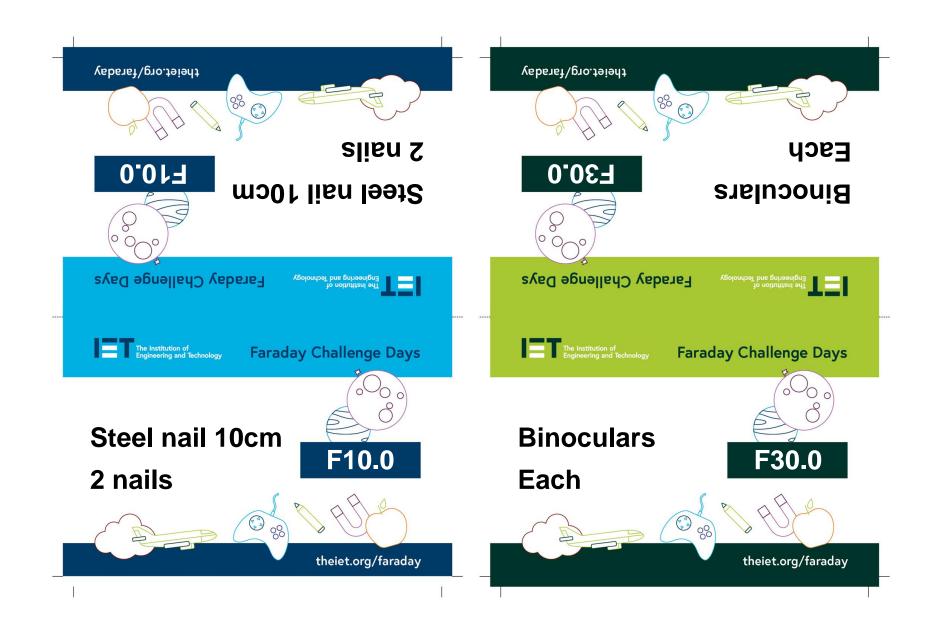


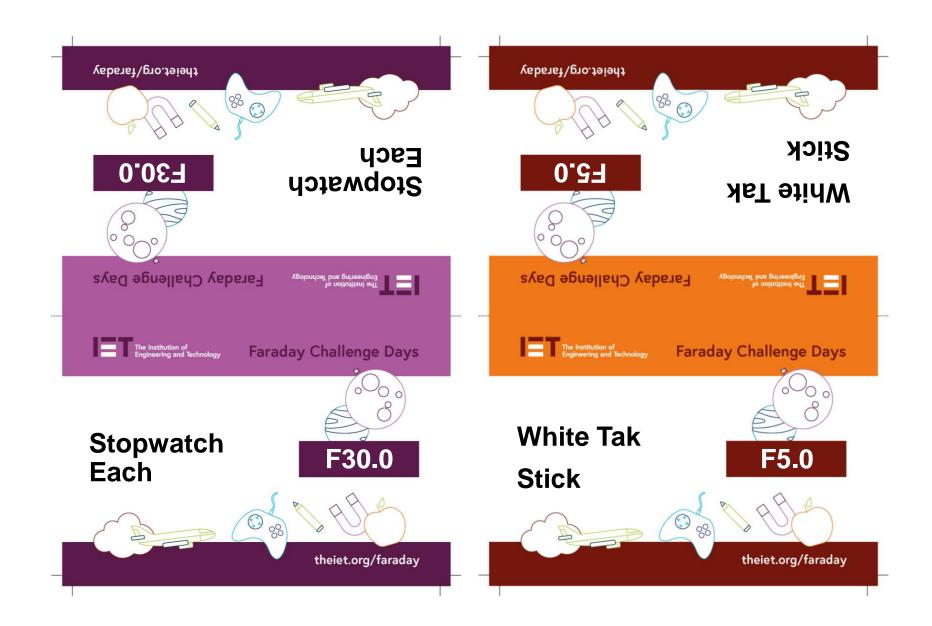


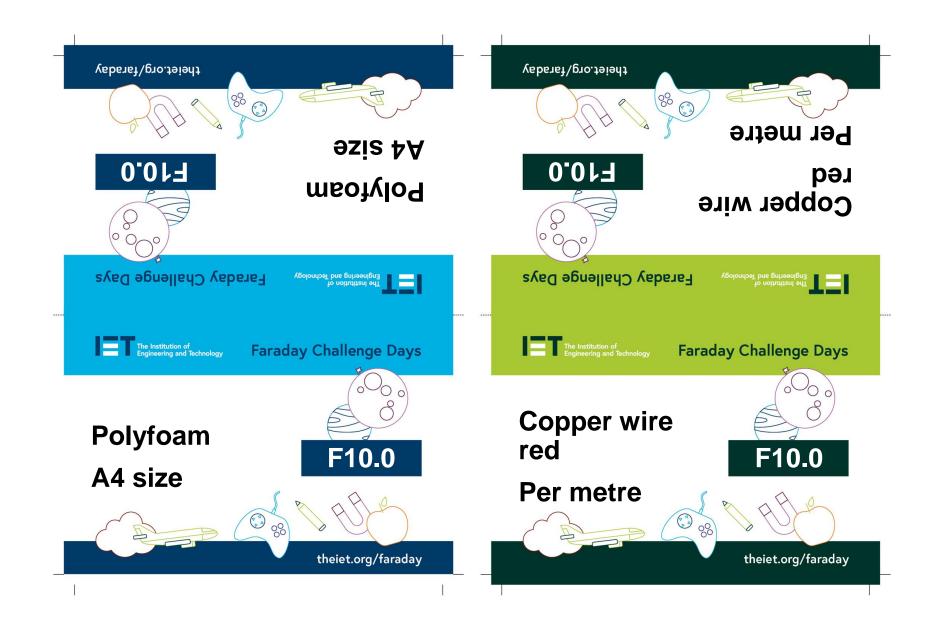




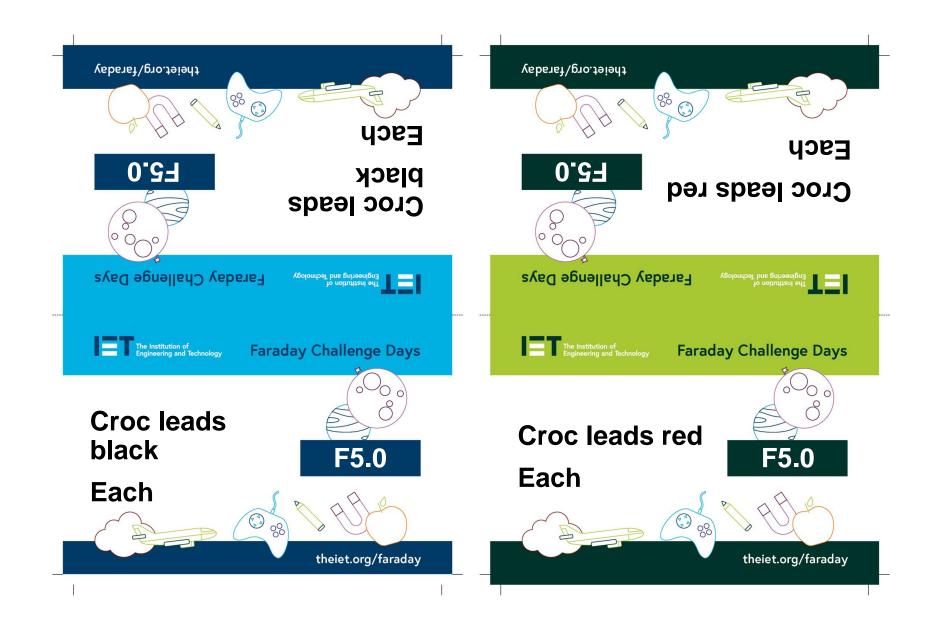


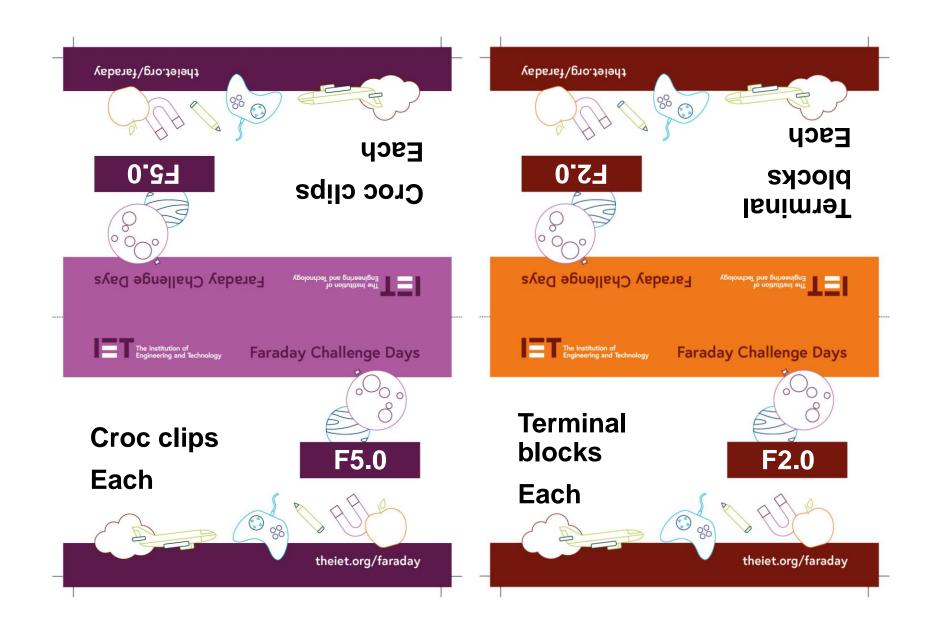


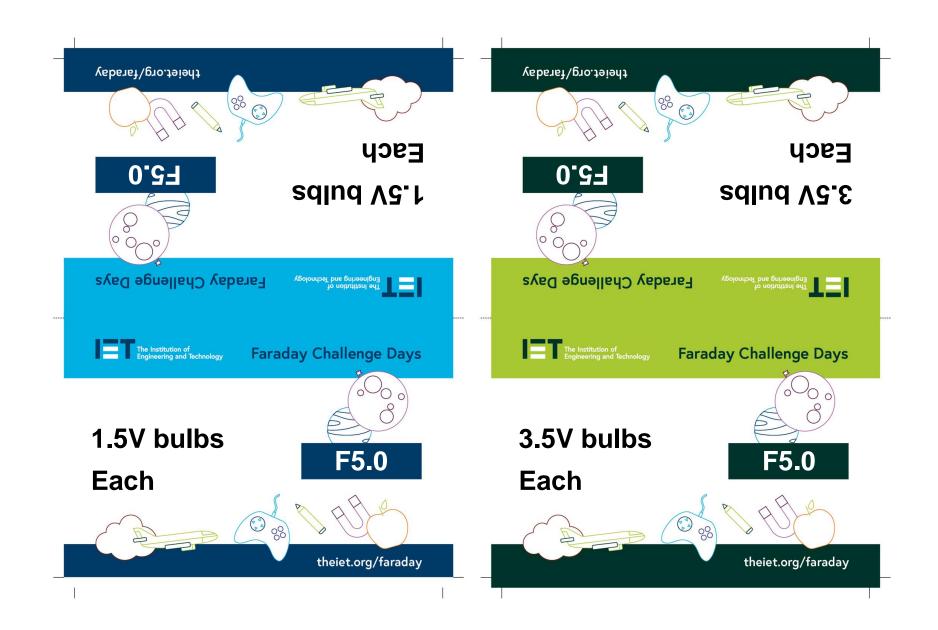


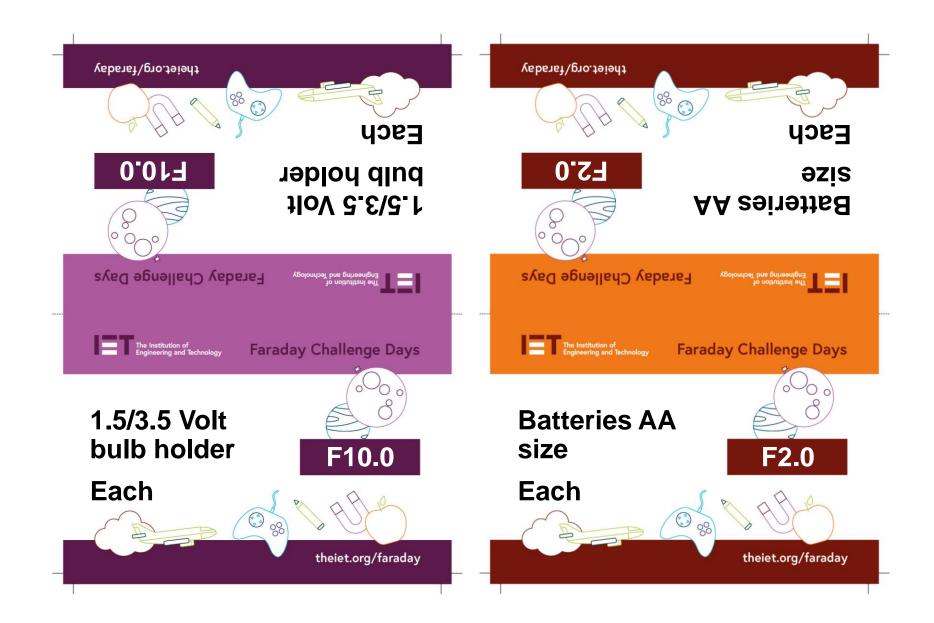


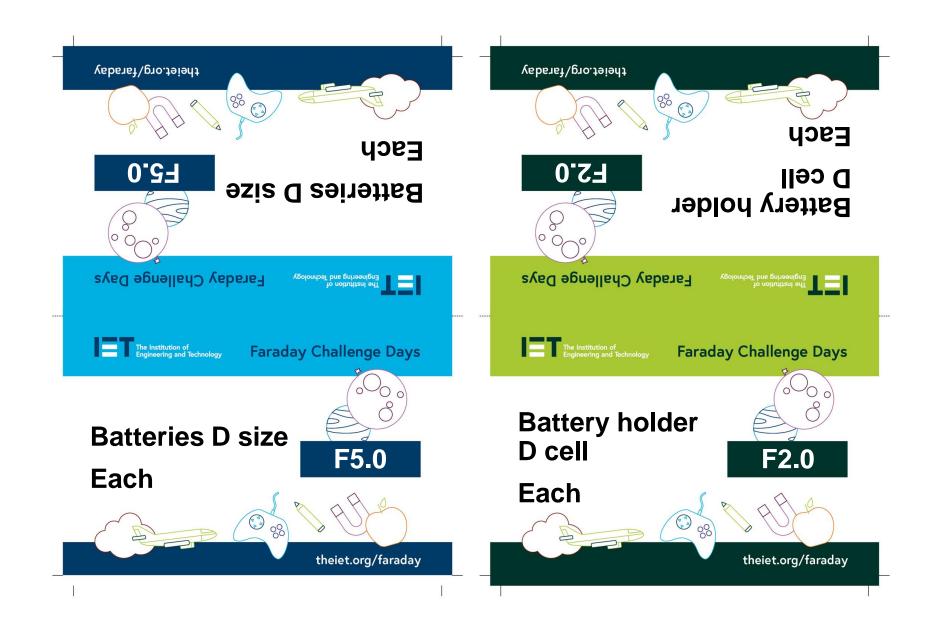


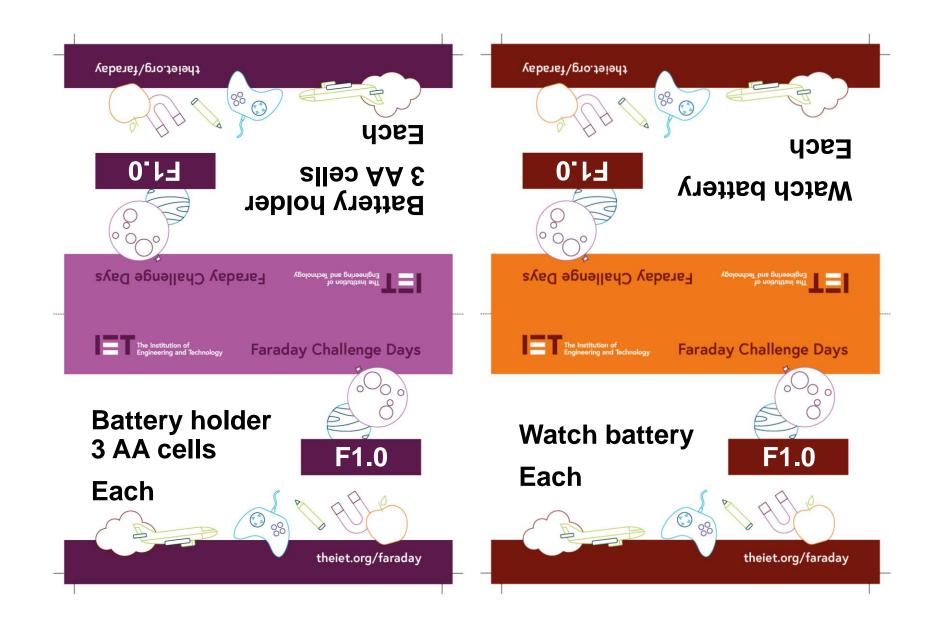


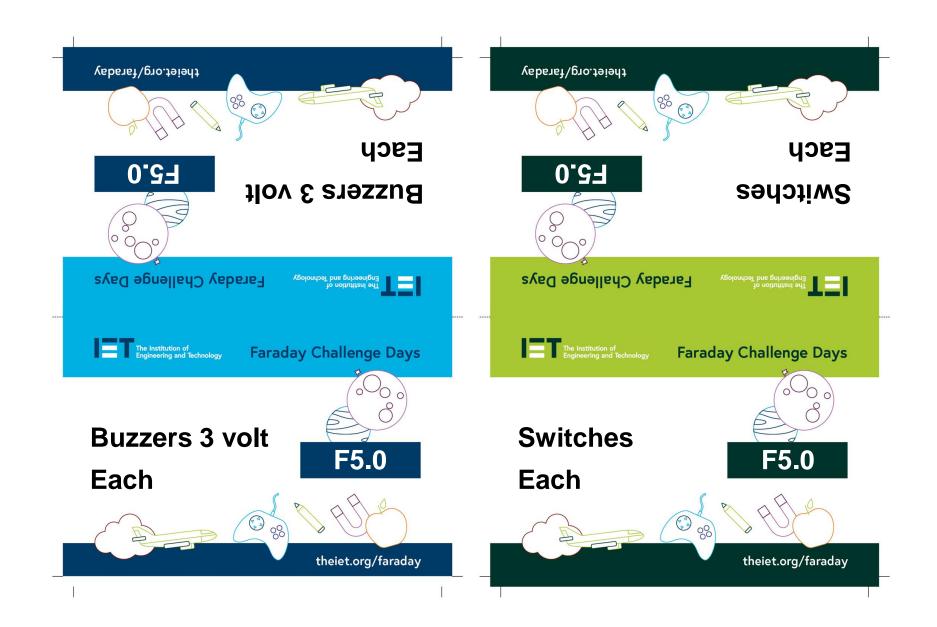


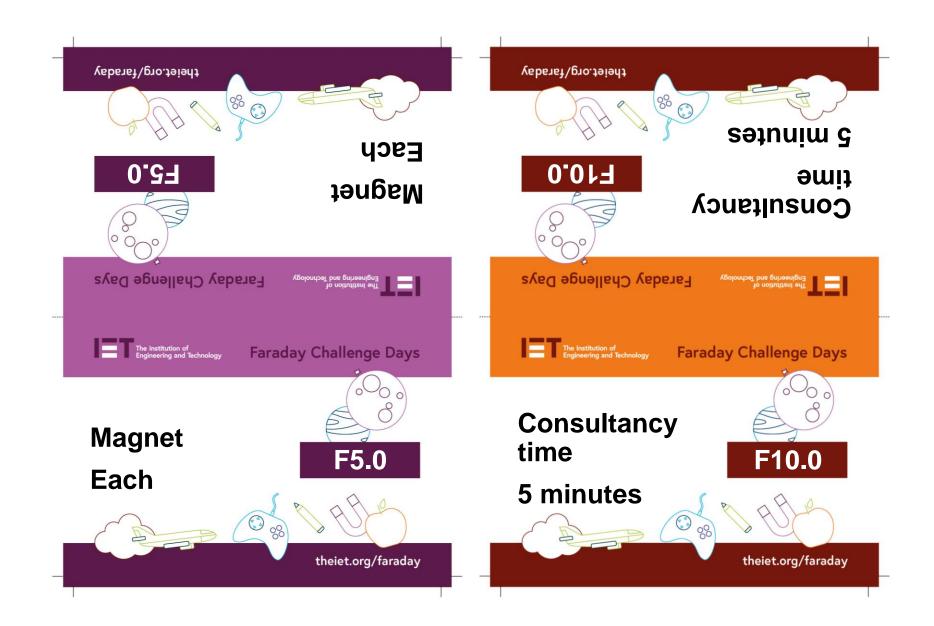


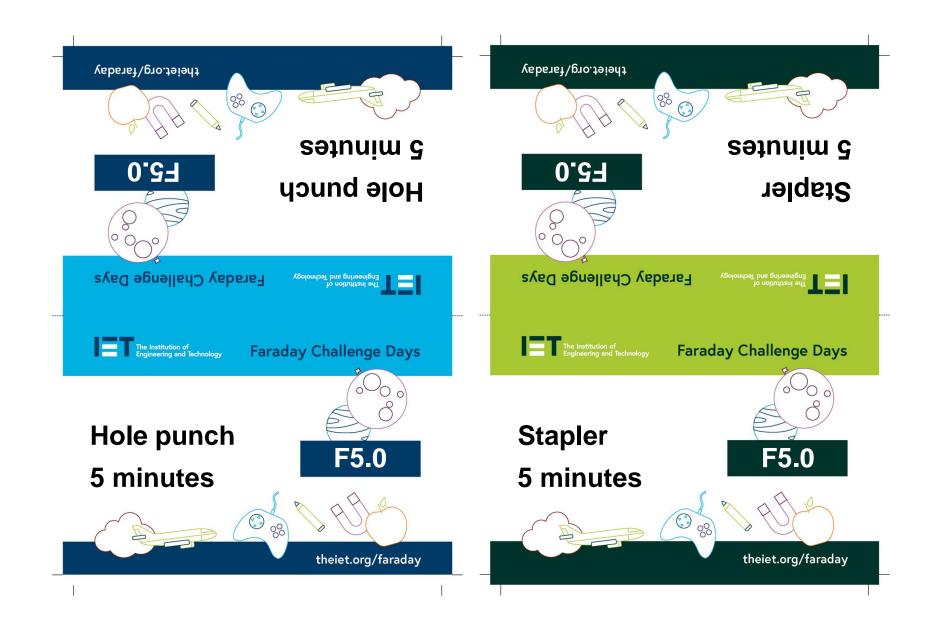


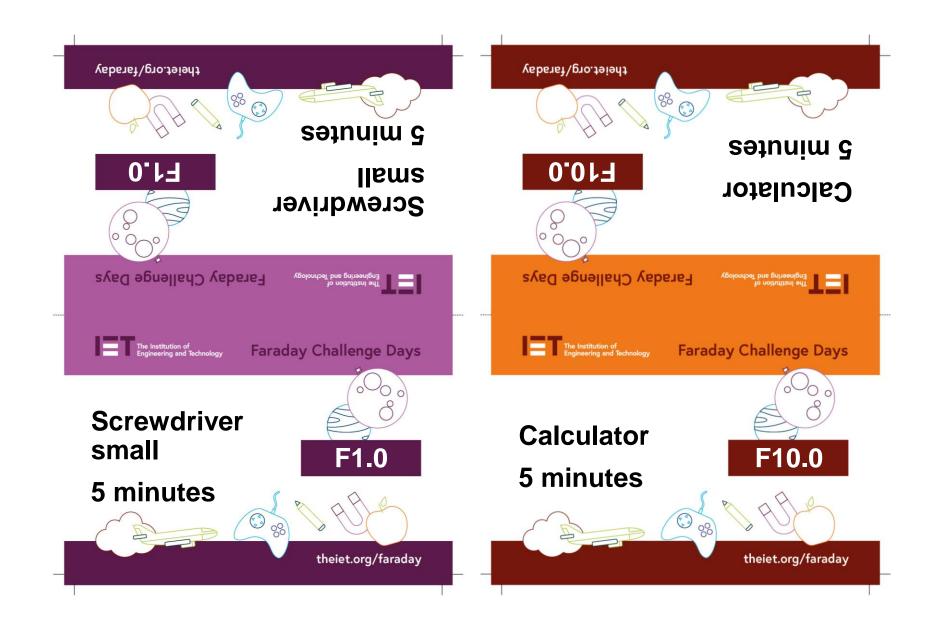
























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