



# Faraday Challenge Day

## Planning and Reflections

Team Name: .....

Team Number: .....

Stage 1

Transport System Ideas

Rocket Build Ideas

Our prototypes (sketch  
and write about your  
ideas)



# Faraday Challenge Day

**Rocket**

**Final Design**

**Transport System**

Why did you choose to develop these ideas?

**Reflections**

This is the responsibility of the Project Manager to complete and can be used to help with your presentation in the final test.

Possible transport system solutions:

Rocket design ideas:

- 1. ....
- 2. ....
- 3. ....

- 1. ....
- 2. ....
- 3. ....

What are the advantages and disadvantages of the transport system and rocket design you are planning to use?

Transport system: .....

Rocket: .....



**Stage 2**

**Reflections**

We encountered the following problems as we developed our prototypes:

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.....  
.....  
.....

We overcame these by:

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.....

The main reason for arriving at our final transport solution was:

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.....

The main reason for arriving at our rocket design was:

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.....

We began our testing by:

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.....  
.....

We did this because:

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.....

How would your transport system be produced in real life?

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.....  
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**Stage 3 Reflections**

What went well and what did not? .....

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Why? .....

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What are you most proud of? .....

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.....

What could have been improved? .....

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What have you learnt today? .....

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**The Presentation**

**What things do you need to include in your 3 minute presentation?** Don't forget to think about the science, design & technology, engineering and maths skills you used today.

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