

Planning and Reflections

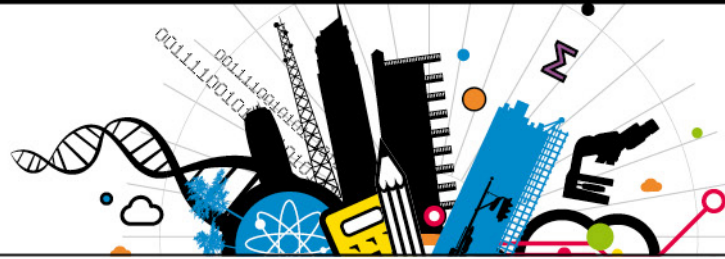
Team Name:

Team Colour:

Stage 1

What information do cyclists need when on a cycle route?

How could your Beacon communicate this information?



Stage 2

Final Design

What will your Beacon look like? What will it be made of?

What information have you chosen to communicate?

Circuit diagram of the circuit your Beacon will use.

Things to think about:

What electronic components will need to be inside your Beacon? How will they sit in the Beacon? Do they need to be visible outside of the Beacon?

Remember that your Beacon will be outside in all weather conditions.

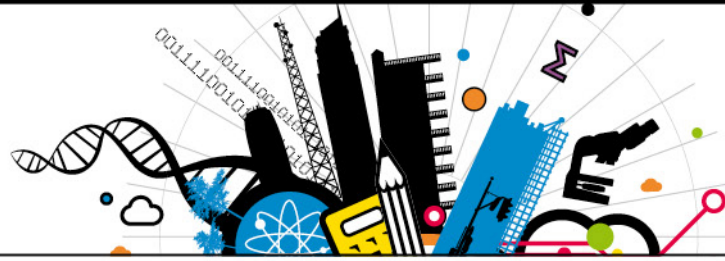
Reflections

Why did you choose to use your Beacon to communicate this information to cyclists?

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

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Stage 3

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 Beacon design was:

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How will your Beacon help cyclists along a long distance cycle route?

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Use this space to record the time and weight information given to the 3D design and print engineers by the software before your Beacon is printed.

Weight of Beacon shell:g

Excess weight of shell over the limit:g

Time for print:minutes

