

Malvern

2020

and





Name: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Back ground information:

\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Relevant qualifications:

\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Draw a picture of your team logo below:

Inventors’ Details

Solutions

Identify a Need or a Want

What problem are you going to solve?

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Who will benefit from your invention?

In the space below, create a spider diagram to show all the different ideas you have about how you might solve the problem:

Conduct Research



What questions might you want to answer to help you design your invention?

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What will you invention need to be able to do? What features must it have? (Design specifications).

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Time to play with ideas – be as imaginative as you like! Remember to meet the design specifications and purpose of your invention.

Using your Research



Design your Invention

Label your designs with materials and extra information.

Final Design for your Invention

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What is the best part of your design and why?

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How does your invention meet the design specifications?

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Your Invention

Did you come across any challenges whilst designing your model? If so, how did you overcome them?

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What part of your invention do you feel is most successful? Why?

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You must now think about how you are going to present your invention to the panel of judges, ensuring you communicate effectively what it is and why you have decided upon this invention.

(Post a video on See saw of your presentation)

Presenting your Work

Rate your presentation using the following criteria:

Visual – was it attention grabbing and clearly shown?

1 2 3 4 5 6 7 8 9 10

Communication – did you explain your ideas clearly and look at the people you were talking to?

1 2 3 4 5 6 7 8 9 10

Team work – was it clear you all knew what to do and worked together?

1 2 3 4 5 6 7 8 9 10

What worked well in your presentation?

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What would you do differently next time? Why?

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