Planning sheet for science investigations

Name and Form:

Fill in this sheet whilst you are planning your investigation.

Title:

A) What are you trying to find out?

B) What do you think will happen?

C) Why do you think this will happen? Use scientific reasons if possible.

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In your investigation, your results can be affected by changing things such as temperature, time, mass, and so on. These things are called **variables**. Some variables must be kept the same to make the investigation a **fair test** and your results **valid**. You will have to change other variables to get your results.

Now fill in these boxes.

D) List all the variables that could possibly be involved.

E) Which of the variables in Box D are **you** going to **change**?

F) Which variables in Box D are you going to keep the same to make it a **fair test** with **valid results**?

G) List the apparatus you will need.
If it is going to be used to measure something, write down what it will measure.

H) Outline your method. What observations and measurements are you going to make? How many observations or measurements will you need to make to make your results **reliable**?

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