Investigation Planning Sheet

Things to think about when planning and carrying out your investigation

The problem	What are you going to find out?
Background knowledge	What things do you already know that might be useful in this investigation?
Predictions	What do you think will happen in your investigation?
Linking prediction with theory (Hypothesis)	Why do you think this will happen?
Basic method	What is going to be your basic method? What materials and apparatus will you use? Draw a sketch of how you will set up your investigation
Detailed method	What things are likely to have an effect in your investigation (What are the variables?)
	What will you measure?
	How many readings will you need to take to get meaningful Results?
	What will you change? 1st. expt.` 2nd expt. (if necessary) 3rd expt./etc (if necessary)
	What things will you keep the same? (control) 1st expt. 2nd. Expt. if necessary) 3rd expt./etc. (if necessary)