Investigation planner

Student name: ____________________________  Class: ____________
Other members of your group: ________________________________

Planning

What are you going to investigate? (Research question)
__________________________________________________________
__________________________________________________________
__________________________________________________________

What do you think will happen? Explain why.
__________________________________________________________
__________________________________________________________
__________________________________________________________

Which variables are you going to:
• change?  ___________________________________________________
• measure?  ___________________________________________________
• keep the same?  _______________________________________________

How will you make it a fair test?
__________________________________________________________
__________________________________________________________
__________________________________________________________

What equipment will you need?
__________________________________________________________
__________________________________________________________
__________________________________________________________

How will you carry out this investigation?
__________________________________________________________
__________________________________________________________
__________________________________________________________
Results
What happened? Describe your observations and record your results.

Can your results be presented as a graph?

Conclusion
What do your results tell you? Are there any relationships, patterns or trends in your results?

Can you explain the relationships, patterns or trends in your results? Try to use some science ideas to help explain what happened.

What did you find out about the problem you investigated? Was the outcome different from your prediction? Explain.

Reflection
What difficulties did you experience in doing this investigation?

How could you improve this investigation (eg fairness, accuracy)?