

Detective Lab Toolkit

Detailed Investigation Record

"Ideal for in-depth investigations, detailed recording, or independent researchers"



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Detective Name: _____ **Date:** _____

Investigation Number: _____ **Time Started:** _____
Time Finished: _____

Investigation Title ■ _____

Research Question

What specific question am I investigating?



My Hypothesis

What do I predict will happen and why?



Materials and Equipment

List all tools, materials, and specimens needed:



<input type="checkbox"/>	_____

<input type="checkbox"/>	_____

Investigation Variables

Independent Variable (What I will change):



Dependent Variable (What I will measure):



Control Variables (What I will keep the same):



Investigation Procedure

Step-by-step method (detailed enough for someone else to repeat):



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Observations and Data

Record measurements, observations, and data systematically

Include drawings and photographs:



Analysis and Patterns

What patterns or trends did I observe in my data?



Conclusion

Was my hypothesis supported or refuted? What did I discover?



Evaluation and Improvements

What worked well? What could be improved?

What errors occurred?



Further Investigations

What new questions has this investigation raised?

What would I investigate next?



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