CLASS:

GENERAL SCIENCE INQUIRY

Science Inquiry Organizer

BLM G-6

Goal • Understand and follow the steps in a science inquiry.

Introduction

When investigating a science inquiry, scientists follow a systematic procedure. When you follow orderly steps, you are able to explain to people how you reached your conclusions.

What to Do

• Use this outline to help you organize your notes on a science inquiry you conduct by yourself.

Outline

Topic: ____

observations and curiosity stimulate questions
identify the problem
gather information
form a hypothesis or make a prediction
perform an experiment/ investigation
revise prediction or hypothesis analyze data repeat several times
draw conclusions
prediction or hypothesis not supported prediction or hypothesis supported
communicate results

Think about topic of interest.	
What interests me is	
• What I already know about this topic is	
What I want to learn about this topic is	
The problem I can explore is	
• Where I can look for more information is	
• I can explore this problem further by	
(Experiment? Interviews? Resea	rch?
• The hypothesis for this inquiry is	
• The equipment and materials I will need to include are	
I will record my findings by	
(Notes? Graphs? Tables? Charts?)	
• When I will review my inquiry design:	
When I might revise my hypothesis:	
Why I might change my design:	
How I might adjust my design:	
• How I can pace my work to meet due dates:	
How I will communicate my findings:	
(Write-un? Oral presentation? Model? Displa	