Forming the Investigation

1. Write the question you are trying to answer.

2. Describe what you already know. Think about observations you've made in class or things you've read (background).

3. Describe what you think will happen during your investigation (hypothesis). Include an explanation of your thinking.

Name	Class Period	

Designing the Investigation

Variable I will vary (change):	Variable I will measure:

Variables I will keep the same for a fair test:

=	=
=	=
=	=

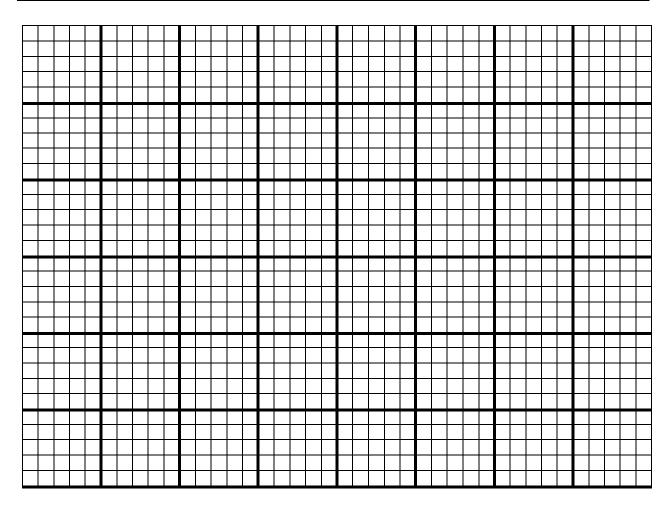
Safety:

Materials:

Procedures: Describe your step-by-step procedures and draw a picture of your set-up.

Collecting and Presenting Data





Analyzing and Interpreting Results—AEEP

1. **Answer:** Looking at your results, describe any conclusions you can make about your question.

2. **Evidence:** Include some of your **specific results** to support your conclusions.

3. **Explain:** Use science concepts you've learned about in class to explain your results.

4. **Problems:** Think about your investigation. Describe any problems you had and how they might have affected your results. Suggest possible improvements.