

I look



I see ... I notice ...

Observe

I Wonder

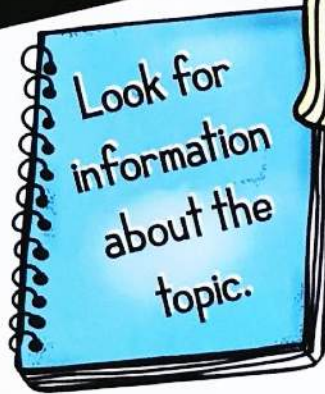
What are you
curious
about?

I wonder what
will happen
if ...



Question

I find out



I learned ...

Research

I think

What do
you think
will
happen?

Maybe ...

Hypothesis



Scientific Method Posters
& Recording Sheets

Teacher Notes & Table of Contents

While there is a standard procedure for the scientific method, teachers label the parts of the process differently. The following posters and recording sheets are some ways elementary students can record their findings.

Foundations for elementary science are observing the world, asking a question, researching, determining a hypothesis, recordings procedure and experimenting, analyzing, and writing a conclusion. Some of these steps can be left out for students at different age levels, so that they can focus more deeply on other components. While all of the steps “should” be observed, it is okay to simplify the process for younger students.

The goal is to ignite a passion for science in younger students. We want them to wonder about the world around them, ask questions, and find answers to their questions.

The general steps in the scientific method include:

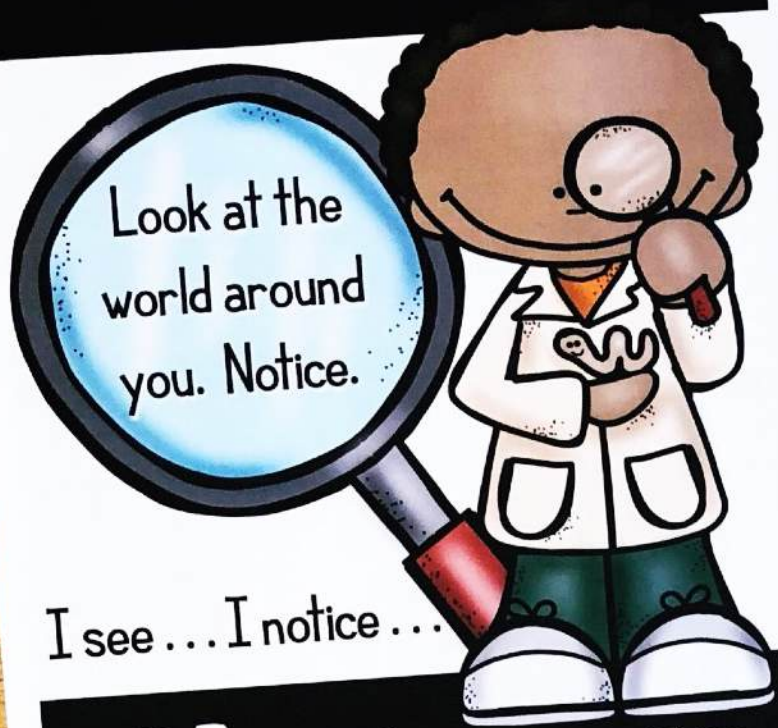
- 1. observation
- 2. question
- 3. research
- 4. hypothesis
- 5. experiment / procedure
- 6. data / analyze
- 7. conclusion

Experiment and Procedure are similar concepts. Both posters contain the same information, but I chose to create a separate poster so that teachers could choose to separate them, if desired. Experiment is also listed separately with a different poster graphic. It can be used with the idea of observing in the moment vs. listing the steps of a procedure. . These are slight variations.

If you would like modifications to the posters, please email me (jessica@whatihavelearnedteaching.com). I’m open to hearing your needs and ideas and will consider additional posters.

Scientific Method Posters	p. 3–20
Vocabulary Wall Cards	p. 21–36
Science Experiment Recording Sheets	p. 37–45
Science Experiment Flip Book	p. 45–55

I look



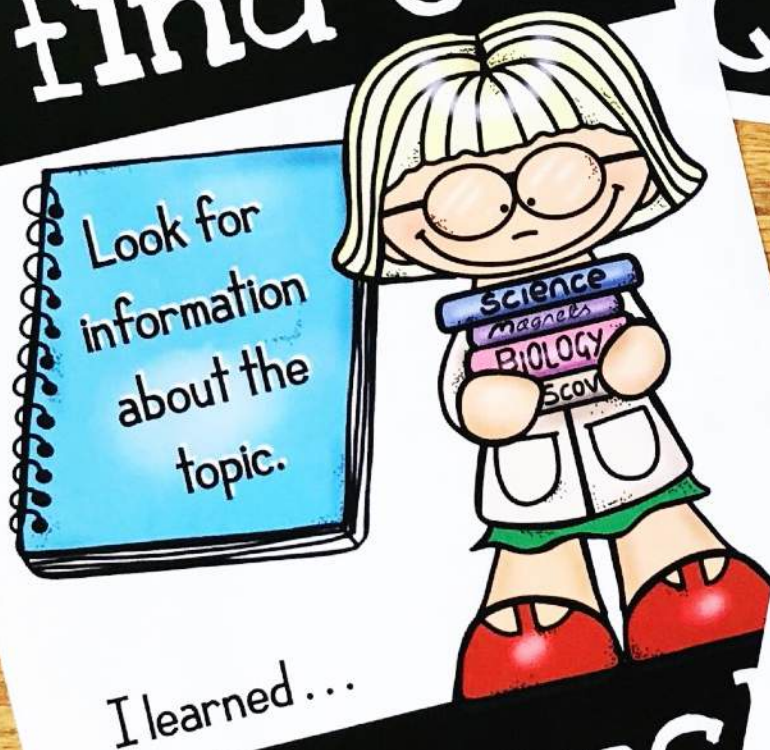
Observe

I Wonder



Question

I find out



Research

I think



Hypothesis

I will

What will
you do? List
the steps.

First ...
Second ...
Third ...
Fourth ...



Experiment

I see

Watch what
happens



I see ...

Experiment

I discovered

What
happened?



I found out ...

Analyze

Now I know

What do you
know now
that you did
not know
before?



I know ...

Conclusion

I look

Look at the
world around
you. Notice.

I see ... I notice ...

Observe

Black and
white and
color

I look

Look at the
world around
you. Notice.

I see ... I notice ...

Observe

Look at the world around you.
What do you notice?

vocabulary
cards

Observe

Hypothesis

What do you think will happen?
Make an educated guess.

Question

What are you curious about?
Ask a question about it.

Some of the recording sheets

My Science Experiment Name: _____

My prediction	what actually happened
why I think it happened	

My Science Experiment Name: _____

Question	Hypothesis	Materials
Procedure		
Result	Conclusion	

My Science Experiment Name: _____

Question	Hypothesis	Materials
Procedure		
Result	Conclusion	

My Experiment

Name: _____

Observe

Question

Research

Hypothesis

Experiment

Analyze

Conclusion



Research

Hypothesis

Experiment

Analyze

Conclusion

space to
write and
draw

THANK YOU

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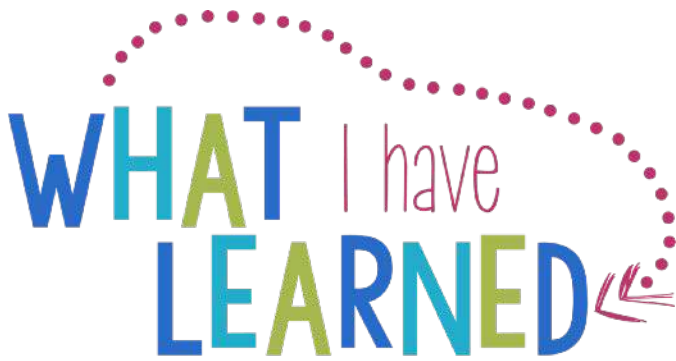
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If you have any questions, please email jessica@whatihavelearnedteaching.com. I'm happy to help.

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WORD PROBLEMS	CURRICULUM MAP TEMPLATE	ADDITION & SUBTRACTION
This is perfect for teachers whose students struggle solving word problems. Have you ever thought of removing the numbers from word problems? Great for first and second grades.	Do you struggle with long range planning? This curriculum map template will get you started on planning for your whole year!	Two-digit addition and subtraction can be tricky for students. Here is a sample of resources to help them explore different models and strategies.
Name:	Name:	Name:
Email*:	Email*:	Email*:
Grade (choose the best fit):	What Grade Do You Teach?*:	Grade (choose the best fit):
YES! I WANT IT!	YES! I WANT IT!	YES! I WANT IT!

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