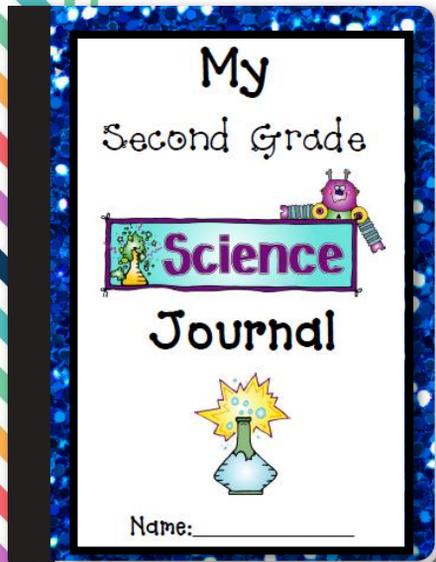


SCIENCE JOURNAL

Templates

Created by Brooke Brown



Grade Specific Covers

My
First Grade



Journal



Name: _____

My
Second Grade



Journal



Name: _____

My
Third Grade



Journal



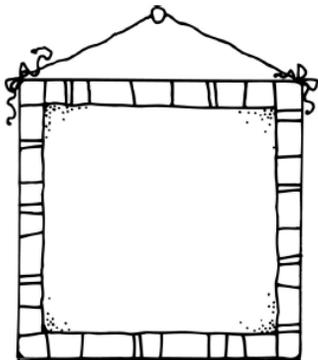
Name: _____

Table of Contents



Date	Unit/Theme

Me as a Scientist



Draw yourself as a scientist!

What will you do?

Be a Safe Scientist

Handling science materials with care in order to protect our bodies, live materials, and equipment



Three things I can do or use in order to be a safe scientist in our classroom

- 1) _____
- 2) _____
- 3) _____

What Good Scientists Do



- 1) _____
- 2) _____
- 3) _____
- 4) _____
- 5) _____
- 6) _____
- 7) _____

Science Processes

Experiment

To test something unknown in science



We are testing how many times each pattern block will get drawn from the bag in ten tries.

Procedure:

Without looking, pull a pattern block out of a brown paper sack. Then put the block back into the bag. Draw a total of ten times.

What I PREDICT will happen	What ACTUALLY happened

Communicate

To record scientific observations, record data using charts and graphs, and discuss scientific findings with others

Record your data below and be ready to communicate your results.

Pattern Block	Number of Times drawn
yellow hexagon	
red trapezoid	
green triangle	
blue rhombus	
tan rhombus	

From this data, I can conclude:

- 1) _____
- 2) _____

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Observe

To carefully inspect by looking, feeling, listening, and smelling



Write four observations about any pattern block.

Looks...	Feels...	Smells...	Sounds...

Classify

To sort into two or more groups based on like properties

Take a handful of pattern blocks and sort them into two groups. Draw pictures of the blocks you used on each side.



I classified by:
(Circle ONE)

shape color size

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Question

What a scientist asks in order to test knowledge



Write three examples of scientific questions:

- 1) _____
- 2) _____
- 3) _____

Predict

Using prior knowledge to make a scientist's guess about what might happen



Write three predictions for things that are likely to happen today.

- 1) _____
- 2) _____
- 3) _____

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Science Organizers

Observation

I am observing: _____

Date: _____



Looks...

Feels...

Sounds...

Smells...

Classification

I am classifying: _____

Date: _____

--	--

I classified by _____

Thinking like a Scientist

Date: _____
BEFORE the Experiment:

AFTER the Experiment:

1	4
2	5
3	6

QUESTION
What are you trying to figure out?

CLAIMS
What did you find out? What relationships do you see?

PREDICTION
What do you think will or will not happen?

EVIDENCE
How do you know? Give specific examples.

RATIONALE
Why did it not happen?

REASONING
What does your data show? Describe any patterns.

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Questioning



★ "Lightbulbs"

Topic: _____



I noticed...



I discovered...



I was surprised by...



I realized...



I concluded...

Experiment

We are testing: _____

What is Staying the Same (Constant?)	What we are Changing (Variable)
---	------------------------------------

Procedures in My Own Words:

- 1) _____
- 2) _____
- 3) _____
- 4) _____

What I PREDICT will happen	What ACTUALLY happened

Vocabulary



Word

Meaning
