

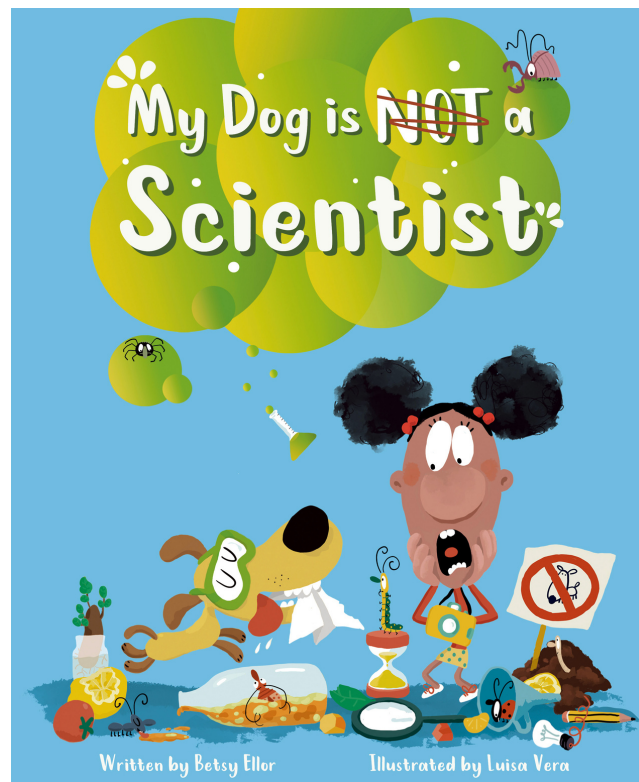
Curriculum Guide

Grades K-4

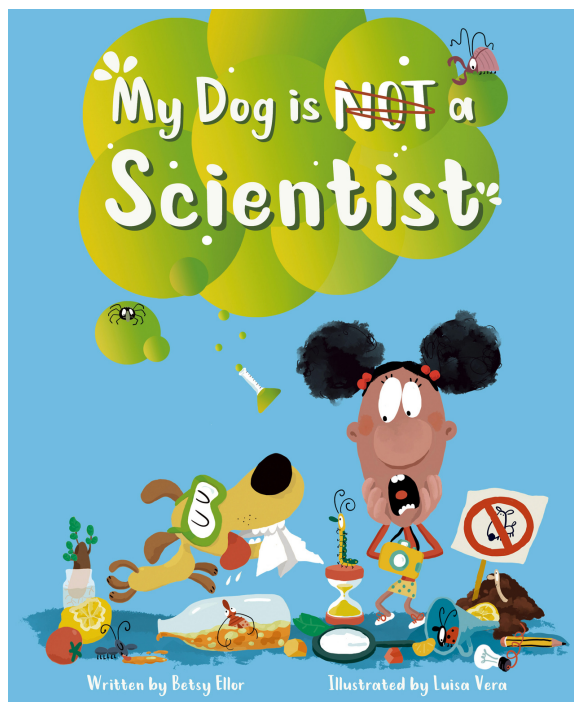
Educators,

The following is a suggested curriculum guide for My Dog Is NOT A Scientist. We hope it helps set students across multiple grade levels on their journey to be a scientist. Each worksheet is meant to enhance your students' comprehension and creative thinking. My Dog Is NOT A Scientist creates opportunities to engage with vocabulary, SEL, and, of course, the scientific method. We've given you a variety of worksheets to build on what the book started. We hope your class enjoys Yara's story.

-Betsy & the Yeahoo Team



About the Book



ISBN: 1953458467

Themes:

- Growth Mindset • Perseverance • School & Education
- Diversity & Multicultural • Legends, Myths, Fables • Dragons • Asian American
- Self-Esteem & Self-Reliance • Social Emotional Learning • Individuality • Be Yourself

Creators:



Betsy Ellor lives in a house near the beach where curiosity and chaos run wild. She divides her time between seeking out great stories and designing spaces like science labs, classrooms, and restaurants where others can cultivate their own curiosity. Her previous works include the anthology *Heroic Care*, and *Sara Crewe*, a family musical that's been performed across the U.S. Find her at wordsunboundstudio.com.



Luisa Vera was born in Spain. After getting a degree in Fine Arts, she moved to New York, where she continued her illustration studies. Her characters have nosed their way into the pages of *The New York Times*, *The Chicago Tribune*, *The Wall Street Journal*, *The International Herald Tribune*, *La Vanguardia* and *El País*, and have dressed up for all kinds of occasions, such as book covers, posters, catalogues, children's books, and exhibitions.

A humorous, endearing story about a passionate, young scientist who is determined to achieve her goal—no matter what!

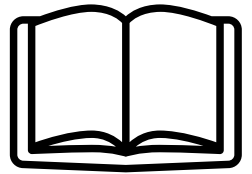
Yara is out to prove that she's the greatest scientist in town! Her annoying neighbor Eddie always wins the Science Fair, but this year is going to be HER year. Like every good scientist, Yara starts with a question, makes observations, and comes up with a hypothesis . . . but each time she starts an experiment, her dog, Renzo, ruins it!

Could Renzo be up to something more than making trouble?

From Betsy Ellor and Luisa Vera comes a humorous, endearing story about a passionate, young scientist who is determined to achieve

Name _____

Before Reading

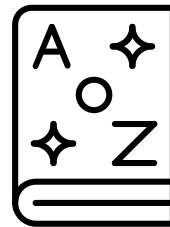


1. First impressions: Take a close look at the detail on both the front and back covers of the book, and flip over the jacket cover. Describe what you see, and what these pictures make you think about.

2. Make prediction, is this book fiction or nonfiction?

3. From the title alone, what do you think this book is going to be about?

Name _____



Discussion: Vocabulary

Look at the words below. Discuss examples from the book of these words. What are examples from your own life?

curiosity

wanting to learn new things

ruined

Spoiled, wrecked or destroyed

hypothesis

an good guess about what will happen

experiment

something you do to test of an idea or a hypothesis

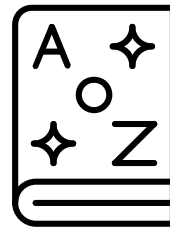
observation

something you notice with your sense

perseverance

the ability to keep doing something in spite of obstacles

Name _____



Drawing Vocabulary

Draw a picture illustrating the meaning of each vocabulary term below.

curiosity

A large empty rectangular box for drawing an illustration of curiosity.

ruined

A large empty rectangular box for drawing an illustration of ruined.

hypothesis

A large empty rectangular box for drawing an illustration of hypothesis.

experiment

A large empty rectangular box for drawing an illustration of experiment.

observation

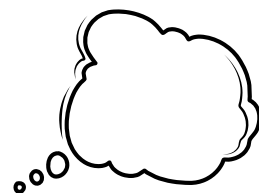
A large empty rectangular box for drawing an illustration of observation.

perseverance

A large empty rectangular box for drawing an illustration of perseverance.

Name _____

Comprehension



1. What does Yara want at the beginning of the book?

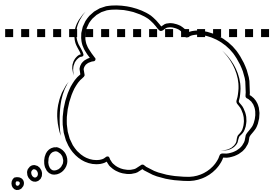
2. What makes it hard for Yara to get what she wants?

3. Does Eddie help Yara get her goal? Explain.

4. What reasons did Eddie give for Yara not being a "real" scientist? Was he right?

Name _____

Comprehension



5. What were some of the ways Yara tried to keep Renzo from ruining her experiments?

6. Did she succeed?

7. In the end Yara wins the blue ribbon not by doing a perfect experiment but by thinking in a different way. What did Yara learn about what it means to be a scientist?



Name _____

Discussion: Character Study

Discuss the adjectives below. Some of these words describe Yara or Eddie, some describe both, and some neither. Circle words that describe Yara. Underline words that describe Eddie. After you're done discuss why you made your choices based on evidence from the story.

caring

rude

courageous

selfish

smart

aggressive

brave

greedy

hardworking

lazy

curious

responsible

resilient

mean

organized

creative

scared

thoughtful

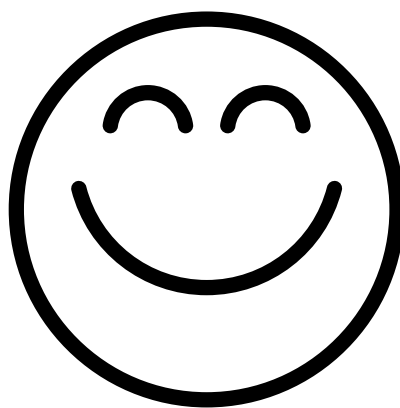
Name _____

Feelings Inferences

We all have feelings, sometimes we are sad, sometimes happy, and even worried. Go back through the story and find an example of when Yara was sad, happy, and worried. Describe what was happening to make her feel that way.



Sad



Happy



Worried

Name _____

Let's Talk About Resilience

Before she won the blue ribbon Yara failed and failed and failed again, but she kept trying. Yara was being **resilient**. Resilience is the ability to bounce back when things go wrong. Think about this: A lot of things went wrong with Yara's experiments. What was one way she showed resilience?

How did being willing to adapt to the challenges help Yara succeed?

Name _____

Let's Talk About Resilience, Cont.

What is something you've done that was hard at first but you didn't give up on?

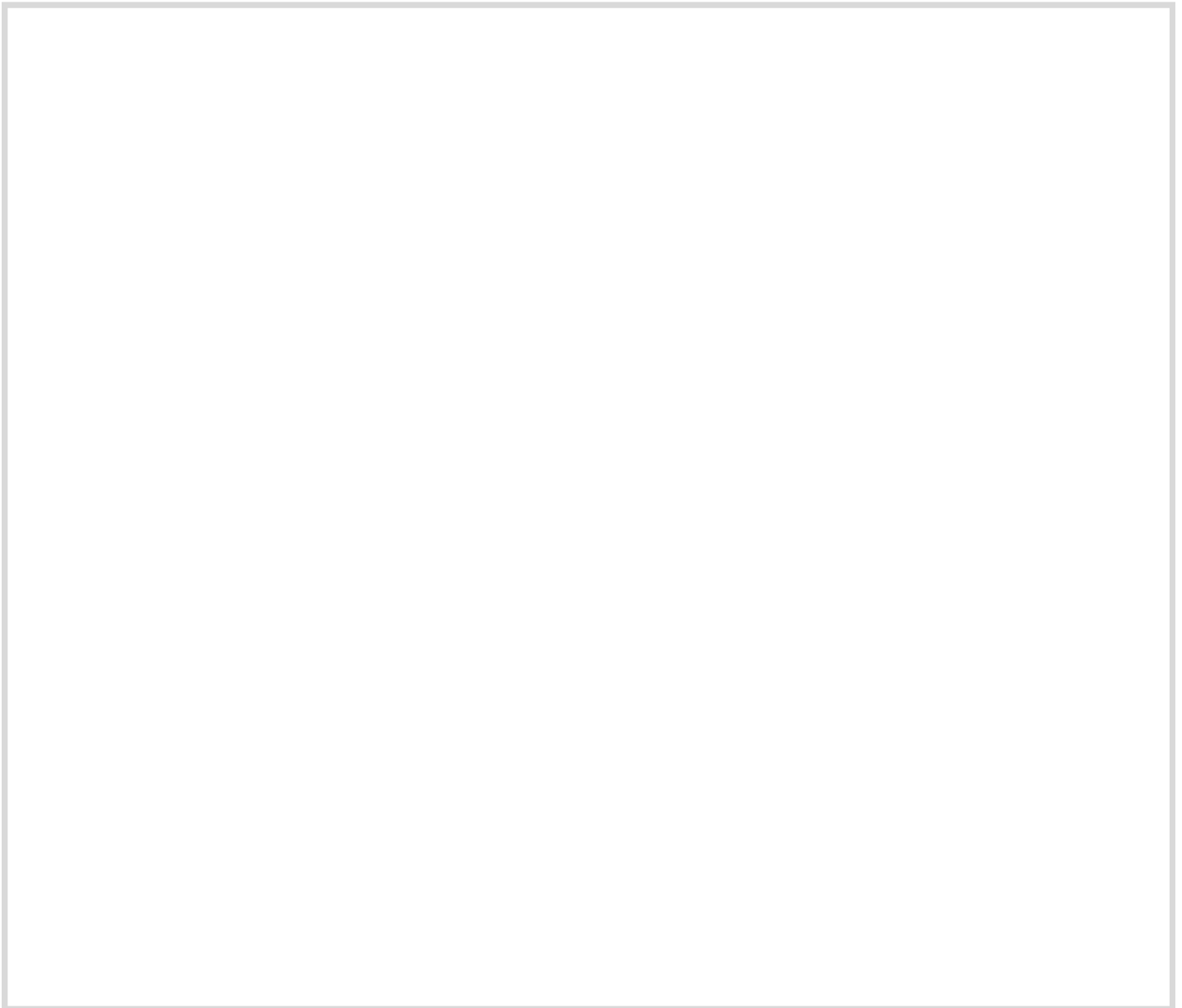
When have you had to adapt when things didn't go the way you planned?

In both of the cases above you were being resilient. How did you feel?

Name _____

Let's Talk About Perseverance

You show perseverance in doing something despite how hard it is or how long it takes to reach the goal. Draw a picture of the last time you persevered? Was it a sport? A game? A competition? A test?

A large, empty rectangular box with a thin gray border, intended for a student to draw a picture of a time they persevered.

Name _____

Let's Talk About Growth Mindset

A growth mindset is believing in the power of yourself and your brain! Our intellect and abilities develop when we try difficult things, use the right strategies, and don't give up.

Scientists with a growth mindset:

Embrace new challenges.

Practice self-care.

Encourage others.

Always learn new skills.

Persevere in the face of failures.

Find inspiration from others.

Name _____

Let's Talk About Goal Setting

A goal is something that you want, and you work hard to achieve it.

What was Yara's goal?

What was making it hard for her to achieve her goal?

What did Yara do to achieve her goal?

Name _____

4 Steps to Goal Setting

Setting goals can help you accomplish big or small tasks in your life. What is one goal you want to achieve?

1. Write Your Goal Down.

2. Define the Steps to Accomplish Your Goals.

3. Plan Your Day, Week, and Month.

4. Review and Reflect.

Name _____

Word Search

dog	observation	bugs	sight	grass
plane	curiosity	blue	smell	win
lemon	hypothesis	science	touch	ribbon

Y	S	X	P	C	T	K	E	E	E	W	H	S	M	E	L	L	V	T	L
E	Q	X	L	E	Q	L	Z	K	G	W	J	A	Y	Q	L	W	U	C	P
F	T	H	A	R	M	A	E	D	A	F	K	I	L	D	M	U	K	P	K
P	F	H	N	G	D	C	V	M	S	F	D	H	G	Q	B	F	F	I	F
U	Z	S	E	J	B	D	P	U	O	Y	Y	X	X	S	W	E	H	Z	G
Q	I	G	U	F	U	I	U	M	Z	N	W	E	F	D	O	Z	Q	G	P
I	S	O	X	F	G	J	Y	O	D	W	M	I	W	C	T	R	D	B	R
S	R	R	B	G	S	M	Y	X	I	T	G	R	N	T	Y	E	V	P	Q
H	F	F	Y	S	R	M	C	U	R	I	O	S	I	T	Y	S	V	H	E
B	R	E	H	D	E	A	J	E	Z	E	Z	Y	F	Y	D	H	Q	J	W
M	P	N	E	Y	E	R	S	A	S	W	D	P	W	I	H	Z	B	P	B
S	W	X	I	M	P	J	V	S	V	R	F	R	J	D	E	O	A	I	I
O	Y	M	C	B	C	O	I	A	A	G	S	V	I	J	X	A	T	B	T
J	C	O	G	J	I	T	T	D	T	X	O	I	V	B	N	W	I	Y	O
Z	I	B	V	Q	U	T	M	H	M	I	D	C	G	K	B	Z	Z	G	U
V	D	T	H	Q	N	R	O	Q	E	C	O	O	N	H	M	O	A	R	C
F	V	N	S	C	I	E	N	C	E	S	O	N	G	J	T	G	N	C	H
U	B	B	R	N	A	L	G	J	R	C	I	Z	P	H	U	W	G	H	A
W	H	W	Z	Q	T	P	B	B	L	U	E	S	Y	R	S	Y	J	N	U
L	J	V	U	F	D	T	H	I	L	L	L	Z	H	X	N	O	X	J	H

Name _____

The Scientific Method

Now's your chance to come up with your own experiment. First come up with a question. Use the ideas on the right to help to get started.

1. Ask A QUESTION

I wonder . . .

What would happen if . . .

How are they different?

Why?

Where . . . ?

When . . . ?

How does . . . ?

Why does . . . ?

How are _____
and _____ the same?

Now make some OBSERVATIONS with your senses. You can also ask an adult to help you find out more information.

2. Gather Information



Name _____

The Scientific Method Continued

Look back at the information you've gathered. Use it to make a guess about the answer to your question.

3. Form a HYPOTHESIS

4. How can you test your Hypothesis and see if your guess is correct? Plan your EXPERIMENT on the left and what the results of your test are on the right.

Experiment

Results

Name _____

The Scientific Method Continued

5. Share Your Results

Write or draw a something to illustrate what you found out from your experiment. Tell the world and you'll inspire other scientists!

Name _____

Draw Yourself As A Scientist

The scientific method has been used by scientists for over 1,000 years! Add yourself to that list. Draw yourself as a scientist!



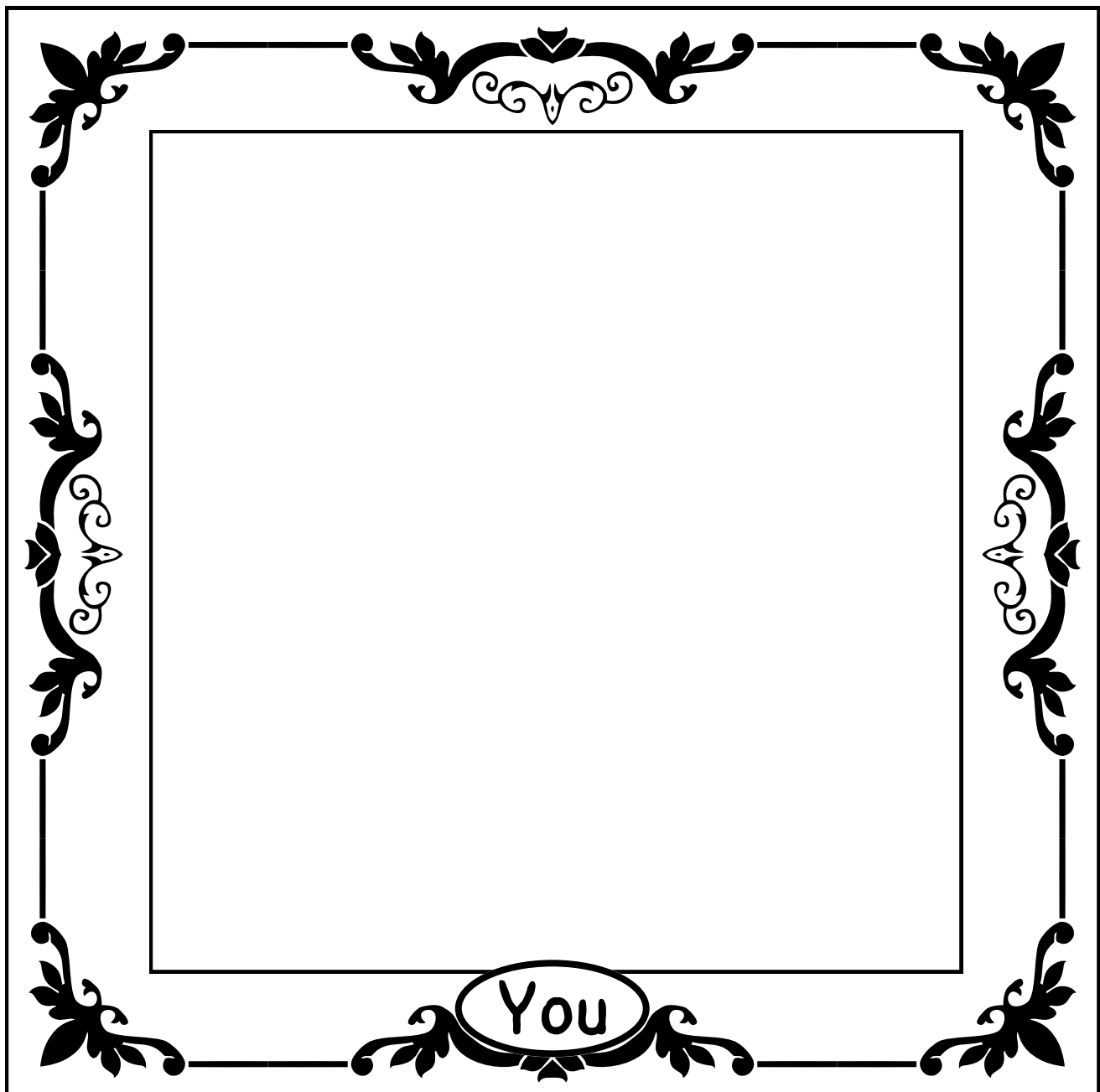
Ibn al-Haytham



Galileo Galilei



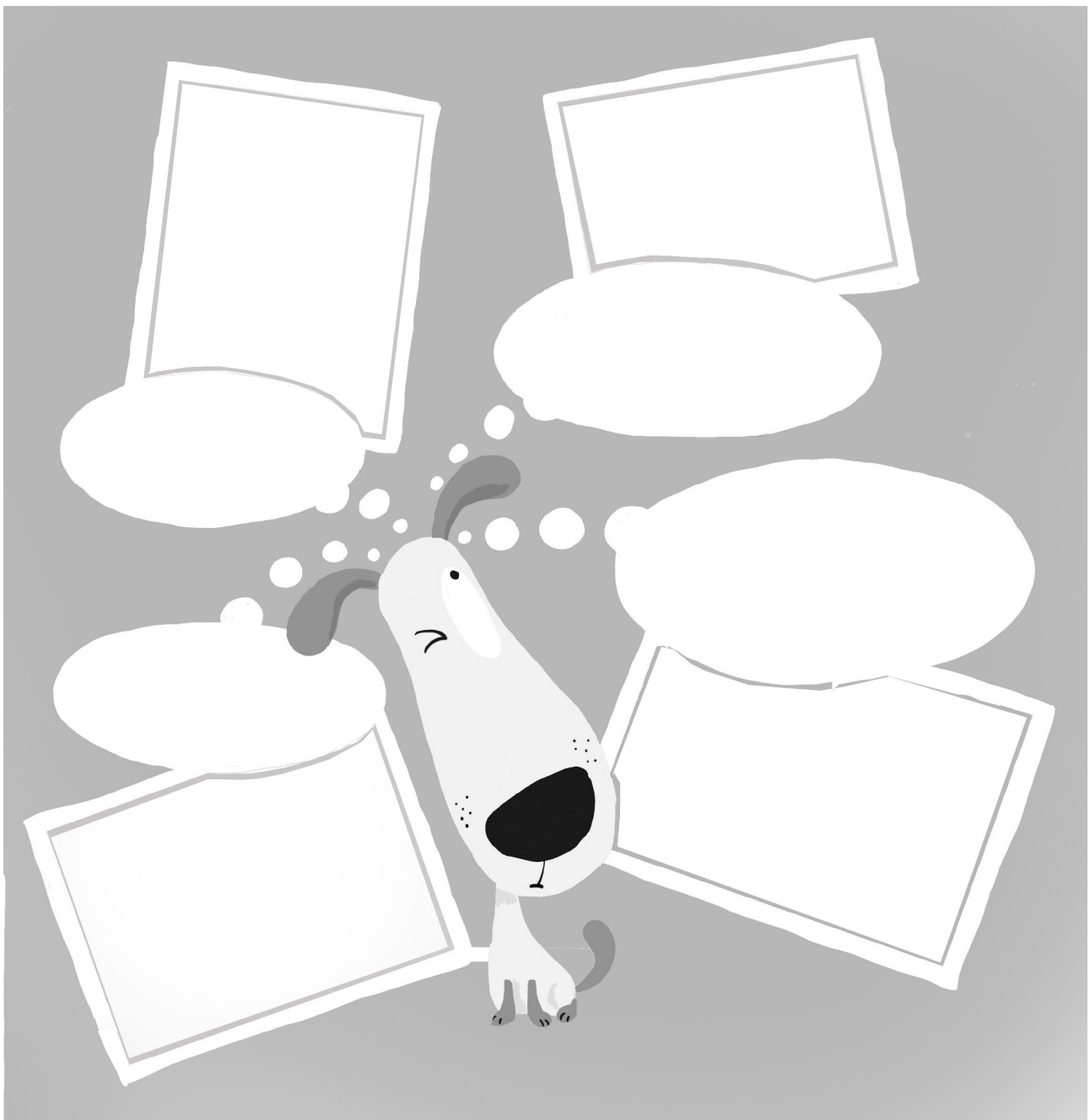
Yara



Name _____

Ask A Question

Renzo asks a lot of questions and then does things to test his hypothesis (good guess) about the answer to his question. Use Renzo's thought bubbles to write down questions you're curious about. In the picture frame draw what you think the answer might be.



Name _____

Draw a Poster

Pretend this book is a movie and create a poster to advertise MY DOG IS NOT A SCIENTIST.



Always Observing

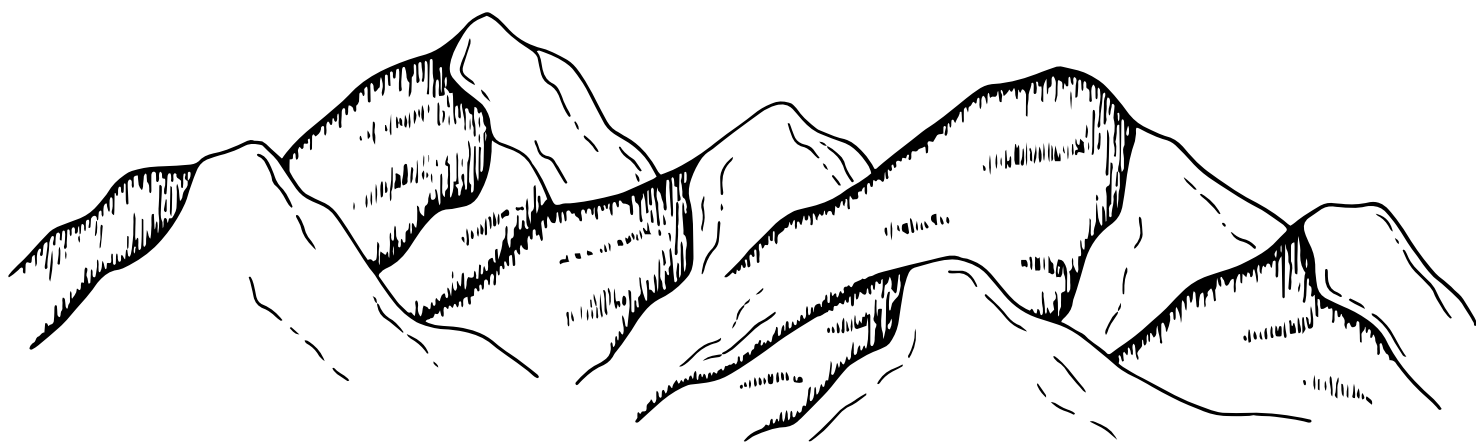
Color in Renzo and then use the rest of the page to draw what Renzo is looking at (besides his little bird friend. Did you know this little bird appears on every page of the book? Go back and see if you can find him.)

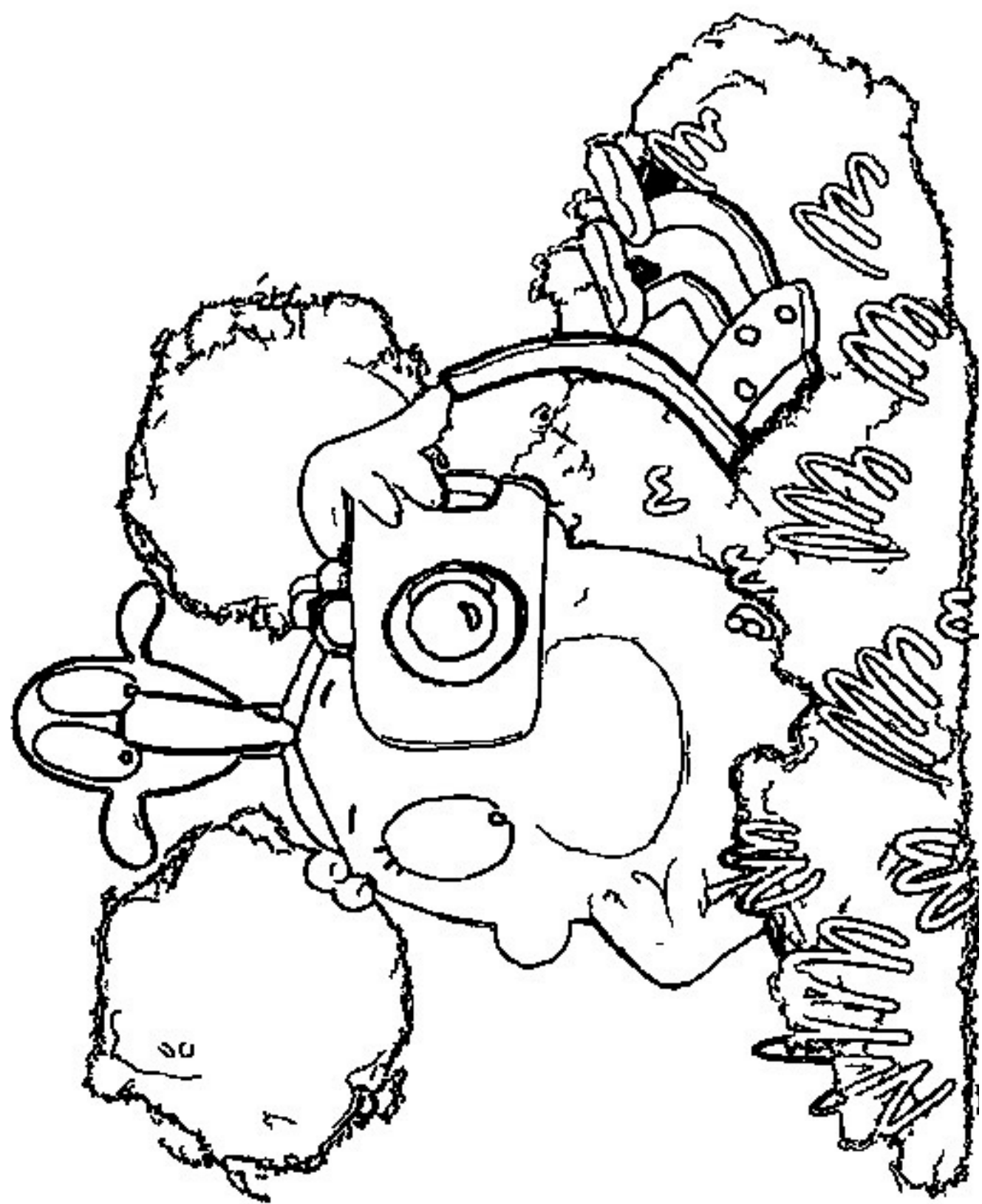




Bubbling with Curiosity

EMBRACE EVERY CHALLENGE

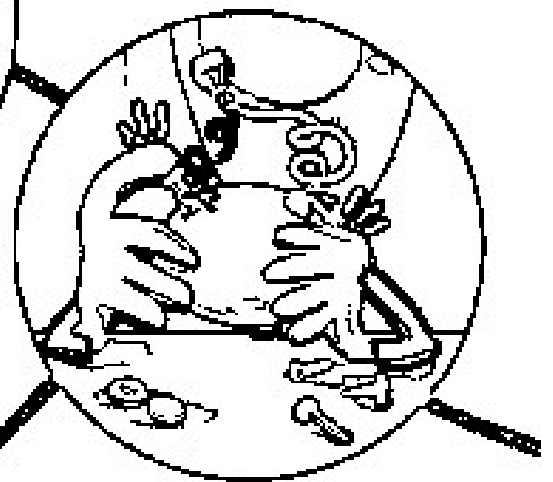




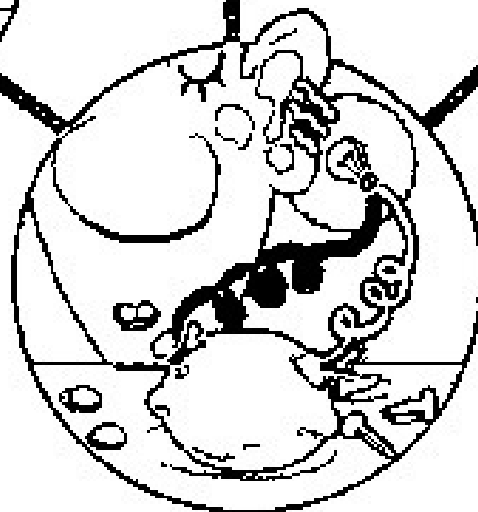


I AM
CAPABLE OF
LEARNING
ANYTHING

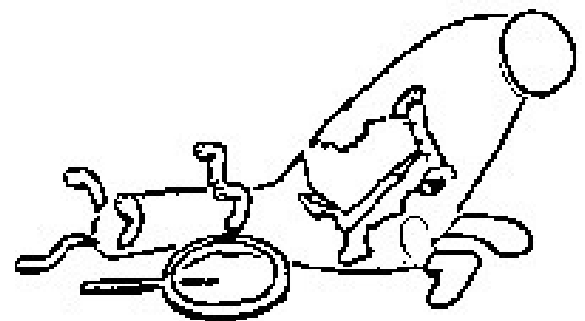
Sight



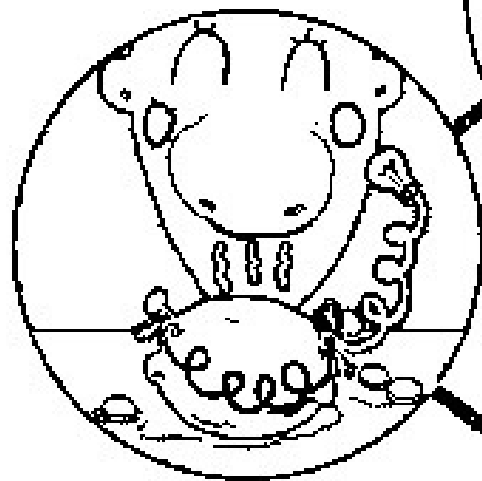
Touch



Sound



and Taste



Smell

Review Report

Book Review by: _____

Title: _____

Your Star Rating: ☆☆☆☆☆

Character(s): (Most important person in story.)

Plot: (The events that take place.)

Opinion: (What do you think?)

Recommendation: (Yes, No and Why?)

Answers

Y S X P C T K E E E W H S M E L L V T L
E Q X L E Q L Z K G W J A Y Q L W U C P
F T H A R M A E D A F K I L D M U K P K
P F H N G D C V M S F D H G Q B F F I F
U Z S E J B D P U O Y Y X X S W E H Z G
Q I G U F U I U M Z N W E F D O Z Q G P
I S O X F G J Y O D W M I W C T R D B R
S R R B G S M Y X I T G R N T Y E V P Q
H F F Y S R M C U R I O S I T Y S V H E
B R E H D E A J E Z E Z Y F Y D H Q J W
M P N E Y E R S A S W D P W I H Z B P B
S W X I M P J V S V R F R J D E O A I I
O Y M C B C O I A A G S V I J X A T B T
J C O G J I T T D T X O I V B N W I Y O
Z I B V Q U T M H M I D C G K B Z Z G U
V D T H Q N R O O E C O O N H M O A R C
F V N S C I E N C E S O N G J T G N C H
U B B R N A L G J R C I Z P H U W G H A
W H W Z Q T P B B L U E S Y R S Y J N U
L J V U F D T H I L L L Z H X N O X J H

Time Word Problems

1. 3 o'clock in the afternoon.
2. 3 hours.
3. 5 o'clock in the afternoon.
4. 2 o'clock in the afternoon.

Math Word Problems

1. $11-8=3$
2. $4+11=15$
3. $5+3-1-1=6$
4. $4-2=2$



Thank you for downloading this teaching guide for MY DOG IS NOT A SCIENTIST! If you enjoy the book, I'd appreciate it very much if you could leave a short review on Amazon or GoodReads to help the book reach more readers!

If you have any feedback or questions, feel free to contact me on my website: <https://www.wordsunboundstudio.com/contact>

Wishing you lots of curiosity, questions, fun failures and creative success in science and all things!!!

Love,

Betsy Ellor & the Yeahoo Team



Praise

"Clear evidence that the scientific method works as well for dogs as for people...A funny hypothesis properly tested and confirmed...Science in action! ...Ellor closes with a simplified restatement of the scientific method and a bulleted list of enticing project ideas (dog related and otherwise) to explore"

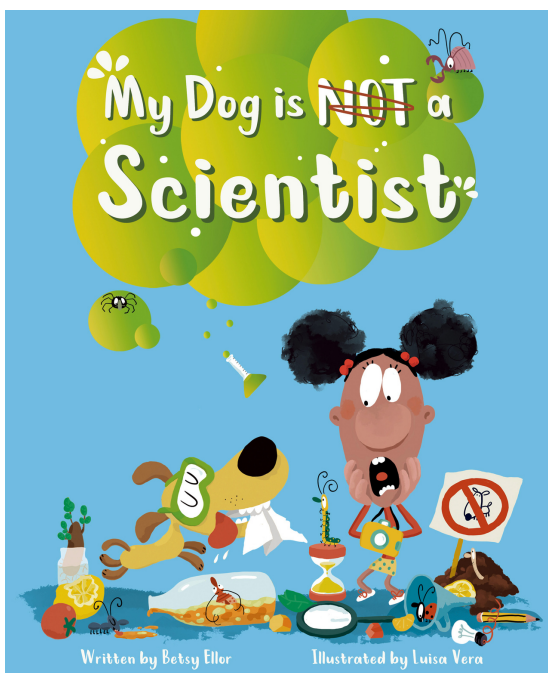
-Kirkus Reviews

"This visually delightful romp through one young scientist's exasperating journey to the school Science Fair is a kid-centered celebration of creativity, persistence ... and the scientific method."

**-Loree Griffin Burns,
multi-award-winning author, scientist, and teacher.**

"I loved how the scientific method was explained within this cute and fun story. Readers are sure to adore determined Yara and her hilarious dog Renzo."

**-Medeia Shariff, educator and author of
Remembering Mom's Kubbat Halab.**



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