

Felice Gerwitz

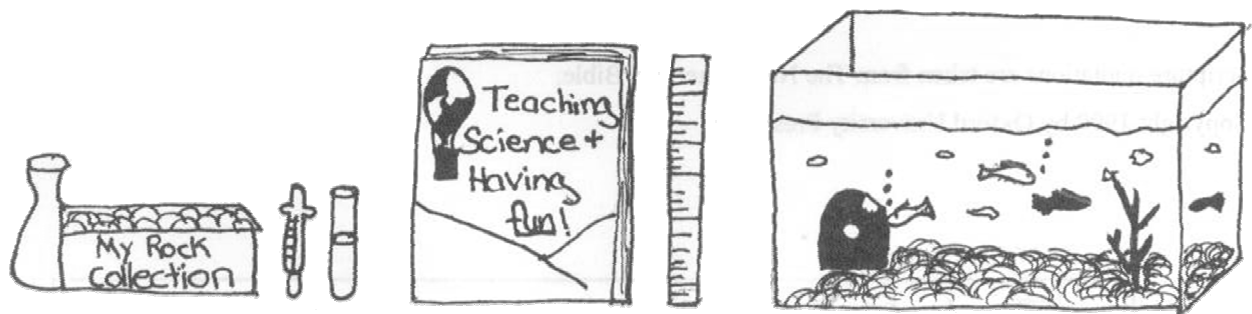
Teaching Science ...and Having Fun!



Media Angels® Inc.

Teaching Science and Having Fun

by
Felice Gerwitz



Media Angels® Inc.
Fort Myers, Florida

Teaching Science and Having Fun.

Copyright © 1994, 1997, 1998, 1999, 2008 by Felice Gerwitz. All rights reserved

Fifth Edition

ISBN: 978-0-9700385-4-8

Published by Media Angels® Inc.

Ft. Myers, Florida 33912

Cover Design by David Frantz

Title page design by Christina Gerwitz

All rights reserved. No part of this document may be reproduced or transmitted in any form or by any means, electronic, mechanical, photocopying, recording, or otherwise, without prior written permission of Media Angels, Inc. Where permission is specifically labeled by the author, duplication is permitted by individual families only. Duplication for commercial purposes of any kind and by any means is strictly forbidden.

Scripture quotations are taken from The New American Bible,

Copyright 1990 by Oxford University Press, Inc.

*This book is dedicated to my best friend and husband Jeff,
and my children Neal, Christina,
Nicholas, Anne, and Michael.*

TABLE OF CONTENTS

Chapter	1	Let's Start at the Beginning	1
Chapter	2	Do I Really Need to Teach Science?	5
Chapter	3	Okay, I'm Convinced. Now What?	11
Chapter	4	Where Do I Go From Here?	21
Chapter	5	How Do I Get Organized and Schedule Science?	31
Chapter	6	Using the Scientific Method	39
Chapter	7	How Do I Set Up a Science Lab?	45
Chapter	8	Do I Need a Microscope and Telescope?	55
Chapter	9	What To Do When I Don't Know What to Do!	61
Chapter	10	Last Minute Advice	67
Chapter	11	What's Available?	69
Chapter	12	Computers and the Internet	99
		Measurements and Equivalents	105
		Science Vocabulary	106
		Scope and Sequence K-12	116
		Field Trip Guide	129
		Ordering Resources	133
		Science Guide/Experiment Planning Guide	134
		Scientific Method Copy Sheets	136
		Scientific Data Copy Sheet	143
		Lab Drawing	144
		Reading Book List	154
		Endnotes	155
		Acknowledgements	156

Proverbs: 1:7

"The fear of God is the beginning of knowledge; wisdom and instruction fools despise."

Lab Drawings

It is often helpful to draw what is observed after completing an experiment. On the previous page is a blank lab sheet to duplicate. Below find an outline of what should be included in your drawings. Do not limit yourself to the outline below. Include as much details as necessary. It is often necessary for your scientific method to be 3-4 pages long. I recommend using the science experiment outline that is left blank, or make one of your own, for the older grades. Following are more pages to use for labeling, drawing, and note-booking your observations.

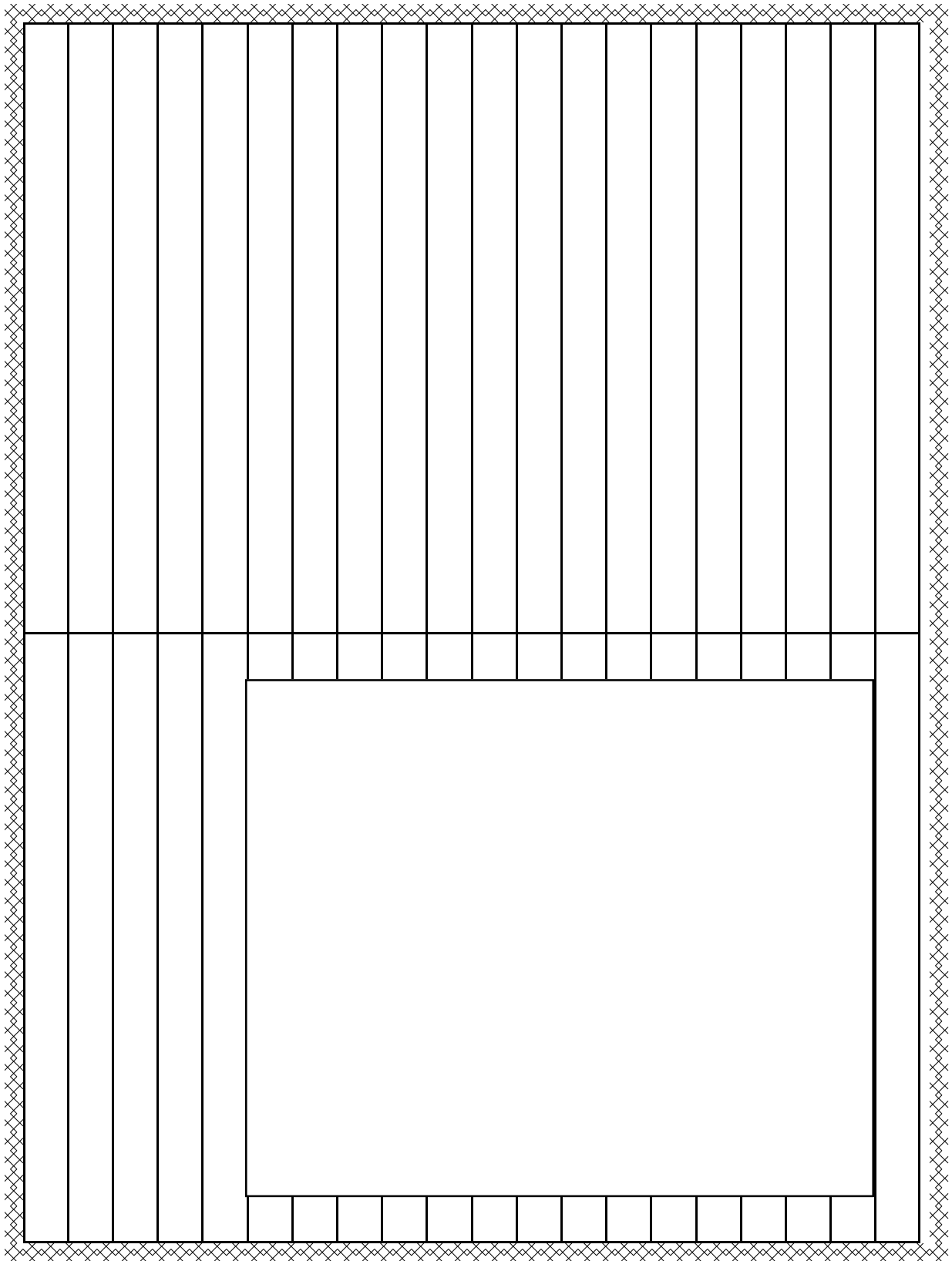
Sample Drawing Observation

Name of object you are drawing goes here, including any additional information such as the scientific name.

Drawing of the object goes here, including details of what you have observed.

Draw lines from the observed object to the lines on the right, where you will label your drawing.

<div data-bbox="261 239 1360 346" style="border: 1px solid black; height: 50px;"></div>



© 2008 by Felice Gerwitz. All rights reserved Permission to copy granted to purchaser for home use only.

