

Editors

Casey Null
Gisela Lee

Editorial Manager

Karen J. Goldfluss, M.S. Ed.

Editor in Chief

Sharon Coan, M.S. Ed.

Illustrator

Ana Castanares

Cover Artist

Jeff Sutherland

Art Coordinator

Denice Adorno

Creative Director

Elayne Roberts

Imaging

Ralph Olmedo, Jr.

Product Manager

Phil Garcia

Trademarks

Trademarked names and graphics appear throughout this book. Instead of listing every firm and entity which owns the trademarks or inserting a trademark symbol with each mention of a trademarked name, the publishers aver that they are using the names and graphics only for editorial purposes and to the benefit of the trademarked owner with no intention of infringing upon that trademark.

Publisher

Mary D. Smith, M.S. Ed.

Learning Centers for Intermediate Classrooms



Written and Compiled by

Casey Null and Patti Sima, M.A.



Teacher Created Resources, Inc.

6421 Industry Way
Westminster, CA 92683
www.teachercreated.com

ISBN 13: 978-1-57690-508-1

©2000 *Teacher Created Resources, Inc.*

Reprinted, 2007

Made in U.S.A.

The classroom teacher may reproduce copies of materials in this book for classroom use only. The reproduction of any part for an entire school or school system is strictly prohibited. No part of this publication may be transmitted, stored, or recorded in any form without written permission from the publisher.

Table of Contents

Introduction	5	Math	
Overview	8	<i>Money</i>	
Language Arts		The Value of Art.	64
<i>Persuasion</i>		Strike It Rich!	66
A New Product	22	Change for Fifty Cents.	67
<i>Journalism and Editing</i>		The Value of Words	68
Interviews	24	<i>Word Problems</i>	
Editing	25	Solve These If You Can!.	69
Class Newsletter.	29	Solve My Problems, If You Can!	70
<i>Creative Writing</i>		Cookie Math	71
Writer's Guide	32	<i>Measurements</i>	
<i>Story Writing</i>		Metric System	72
Story Starters	37	Customary System	73
Story Scramble Cards.	39	New System.	74
<i>Literary Devices</i>		Comparing Systems	75
Metaphors	43	Measuring Without a Ruler	76
I Feel As Silly As.	44	Measurement Challenge.	77
<i>Letter Writing</i>		<i>Patterns</i>	
Letter Form	45	Drawing to Scale	79
Writing a Letter	46	Prime Time	80
Pen Pal Pointers	47	Tangrams	81
<i>Journals</i>		Symmetry	84
Journal Writing	48	More Symmetry	85
Journal Starts	49	<i>Computing</i>	
<i>Vocabulary, Spelling, and Punctuation</i>		Addition and Subtraction	86
Vocabulary Concentration	50	Multiplication and Division	88
Spelling Quest	52	Calculator Fun	90
Center Dictionary.	53	More Calculator Fun	91
Punctuation Concentration	54	Money Maze	92
<i>Book Reports</i>		Energy Facts	93
Getting Ideas	57	<i>Math Facts</i>	
You Choose!	58	Math Trivia	94
Animal or Human?.	59	More Math Trivia.	95
The Sequel.	60	Some More Math Trivia.	96
Finding Facts	61	Even More Math Trivia	97
Mapping the Matter	62	<i>Graphing</i>	
		Our Personal Surveys.	98

Table of Contents

Brain Teasers

What is the Message?	100
Scrambled Math.	101
Math True or False.	102
How Many?	103

Science

Experiments

Science Experiments Form.	105
The Sensational Submarine	106
Rambunctious Raisins!	109
You're Full of Hot Air!	111

Sea Life

What Is Under the Sea?	112
Sea Life Phyla Chart	113

Zoology

Create a Zoo	114
Native Australian Animals	116
Animal Families and Groups	117

Weather

Amazing Weather Facts	118
Alaskan Weather	119
Create the Wind	120
High or Low?	121

Science Quest

Science Trivia	123
More Science Trivia.	124
Trivia Challenge.	125
Science True or False.	126
More Science True or False	127
Scientific Names	128
Science Clues.	129
Science ABCs	130

Science Fun

Matching the Sciences	131
Insect Bingo.	134
Vertebrate and Invertebrate Animals	138
Vertebrate and Invertebrate Animals Chart	139

Social Studies

Very Important People

Famous Names.	141
Inventors and Their Inventions	142
Louis Braille's Code.	143
Excellent Explorers	144
Presidential First Names.	145
Famous Women	146
Famous People.	147

Geography

Countries of South America	148
Test Your Map Skills	149
Matching World Capitals	152
Where Is It?	156

History

Black History Trivia.	158
American Holidays Trivia	159
Social Studies Trivia	160
More Social Studies Trivia.	161

Geographical Names

This Map Is Making Me Hungry!.	162
Place Names of the World	163
Nicknames and Capitals.	164
Puzzled About the States?	165
Around the World.	166

Families and Friends

My Family Tree	170
Patchwork Quilts Kit	174

Games and Puzzles

Funnies

You Must Be Joe King!	178
Presidential Stumpers.	179
Letter Answers	180
More Letter Answers	181

Trivia

Which Came First?	182
States Ending in "A"	183

Table of Contents

Codes

Morse Code	184
Coded Message	185
Proverbial Codes	186
More Proverbial Codes	187
Communicating in Code	188

Wacky Words

What Does This Mean?	190
Rhyming Word Pairs	191
More Rhyming Word Pairs	192
Palindromes	193
Palindrome Word Find	194

Literary Fun

Match That Author!	195
Crazy, Mixed-Up Sentences	197

Social Studies Fun

Economics Game	200
--------------------------	-----

Creative Puzzlers

Color This Design	207
I've Been Framed	208
Hidden Meanings	209
More Hidden Meanings	210
Word Chains	211

Puzzling Math

Math Squares	212
Factors and Multiples	213
Improper Fraction Mix-Up	214
Fractured Fractions	215
Close the Box	216
Decimal Derby	217
Spaceship Flip	218

Technology

Introduction

Utilizing the Internet	221
Internet Safety Rules for Students	222
Plan for Instruction	223

Language Arts

Create Your Own Advertisement	224
Writing Good Descriptions	225
Describing Physical Characteristics	226
Describing Personality Traits	227
Computer Poetry	228

Science

Properties of Matter	233
Investigating Matter—Making Models	236
The Nine Planets	238
A Year in the Life of a Tree	239

Math

The Fraction Machine	247
Fractions in a Box	249
Mystery Squares	251
It All Adds Up	253
Not Your Average Board Game	255

Social Studies

Current Events	258
Roving Reporter	260
The Olympics	261
The Ancient Olympic Games	263
Egyptian Facts from the Internet	264
Welcome to My Travel Agency	266

Center Signs	271
-------------------------------	-----

Answer Key	286
-----------------------------	-----

A New Product! *(cont.)*

Advertising Campaign Checklist

The Writing

- I have painted a picture with my words.
- I have told the reader why he or she should buy my product.
- I have explained what it is and why it is important.
- I have told where to buy it.
- I have written a paragraph that will make people excited about my product.
- I have rewritten my ad, revising and improving it.

The Art

- I have made my product appealing by presenting it in eye-catching colors.
- I have designed a poster that makes my product appear exciting.
- I have presented my product clearly in my poster.

Interviews

Interviews and profiles of famous people are a popular form of journalism. You will be interviewing a classmate, and, in turn, your classmate will interview you. First, make a list of interesting questions. The usual questions like, where were you born, what is your favorite color and how many brothers and sisters do you have are fine but think of some unusual questions, too. After you have plenty of questions (try to have about 10–15), get together with a partner and take turns interviewing each other. Write the responses quickly and, after the interview is over, take your notes and write a story about your partner and include the most interesting facts. Your interview should be at least one page. When you are finished, your teacher may want to collect the interviews and put them into a classroom book, complete with a photograph. He or she may also ask you to introduce your partner to the rest of the class by sharing some of the things you learned in your interview.

Here are some interview questions to add to the ones that you come up with.

- If you were an animal, what animal would you be?
- What is your favorite season of the year, and why?
- If you could paint your entire house inside and out with one color, what would it be and why?
- When you have children, what will you name them?
- If you could only have one book for the rest of your life, what book would you choose?
- If you were a car, what car would you be?
- What food do you hate the most?
- Do you like to climb trees? Why or why not?
- What is the most unusual place you have ever been?
- What is the most embarrassing thing that has ever happened to you?
- What chore do you dislike the most?
- What famous person would you like to meet?
- Who do you look like the most, your mom or your dad?
- What is your favorite song and why?
- What would you like to change about yourself?
- Do you think you will be famous some day? For what?

Editing

Editing is an important job. Your writing will be better if you learn to edit, and you can help others improve their writing with your editing help. Asking a friend to edit your stories is also important because he or she may find things that you missed. After you have completed the activities on pages 27 and 28, trade stories with a partner to edit each other's work. Use the checklist below, and the editing marks on page 26 to help you remember how to edit.

Steps Toward Good Self-Editing

1. Don't worry about perfection on a first draft.

When you first sit down to write, just let it all come out. Don't worry about how good it is or whether you have used the perfect verb. Just get it all down before you forget it, and then put it away until later.

2. Read aloud what you have written.

Reading aloud what you have written lets you hear it in much the same way someone else will read it. Is it smooth? Does it say what you want it to say? Have you included the facts you want to include? If it's a story, do your characters seem like real people?

3. Start cutting and rewriting.

Use active verbs. Cut out verbs which begin with *was*, *were*, *is*, *had been*, *seemed to be*, and *did*. Don't use the word *that* if you can get by without it. Don't use verbs with *-ly* words. Be specific.

Instead of saying

Marilyn *was* climbing slowly up the steep hill. She *was* panting.

write

Marilyn *struggled* up the hill, lungs *gasping*, heart *pounding*.

4. When writing a story, use good dialogue.

Let the reader get to know a character by what that character says and by what other characters say to him or her or about him or her.

5. Cut and rewrite some more.

Take out any word that doesn't have to be there. Don't say the same thing twice. Check for spelling and grammar mistakes. Spell checkers are helpful, but they will not tell you when you have used the wrong word: *here* for *hear*, *form* for *from*, for example.

6. Ask a friend to read what you have written.

Sometimes another person can see something that needs to be changed which you fail to see.

Editing (cont.)

Use this page as a reference when you revise and edit a story or article.

Editor's Mark	Meaning	Example
	Delete	My dog done came home.
	Capitalize	<u>poison</u> oak gives me a rash.
	Make lower case	That M ovie is my favorite.
	Add a word	^{cream} Ice sundae
RO	Run-on sentence	I fell down you helped me. RO
frag	Sentence fragment	Because we were late. frag
sp	Spelling error	Three little kitens ^{sp} sat in the tree.
	Reverse letters or words	My brother <u>big</u> is tall and skinny.
	Add a period	I love books ○
	Add a comma	We ate chicken, potatoes and salad. [,]
	Add an apostrophe	I'm in John's ['] class.
	Add quotation marks	“Come here!” my mother said.
	Begin new paragraph	“Help me with my homework,” Mary pleaded. ¶ “No,” her mother replied.
#	Make a space	post [#] office
	Close the space	rain [}] bow
stet	Do not delete (let what was deleted remain)	The strange ^{stet} man shuffled along.

Editing (cont.)

Editing Practice

Edit the following Native American story. For help, you can refer to your chart of editor's marks.

this is a very sad story because it is about two people who love each other very much and want to marry but they have never been able to do so.

sun loves moon more than life itself he knows she is the most beautiful being ever seen on earth sun would give everything he has if only he could win her for his wife alas the one time he asked her to marry him she said oh yes i will marry you but there is one thing you must do first

anything sun answered i will do anything you say for i love you very much just tell me what it is

moon told him to prove your love for me you must bring me a gift that fits me exactly

what gift would you like me to bring

it can be anything to wear but it must fit me exactly moon replied.

time and time again sun comes with a gift for moon to wear but one time the gift is too small and the next time it is too large it is never exactly the right size this happens each time sun comes with a gift for moon to wear so on and on sun tries with gift after gift when you see sun crying you must know it is because he loves moon more than anything but he can never marry her