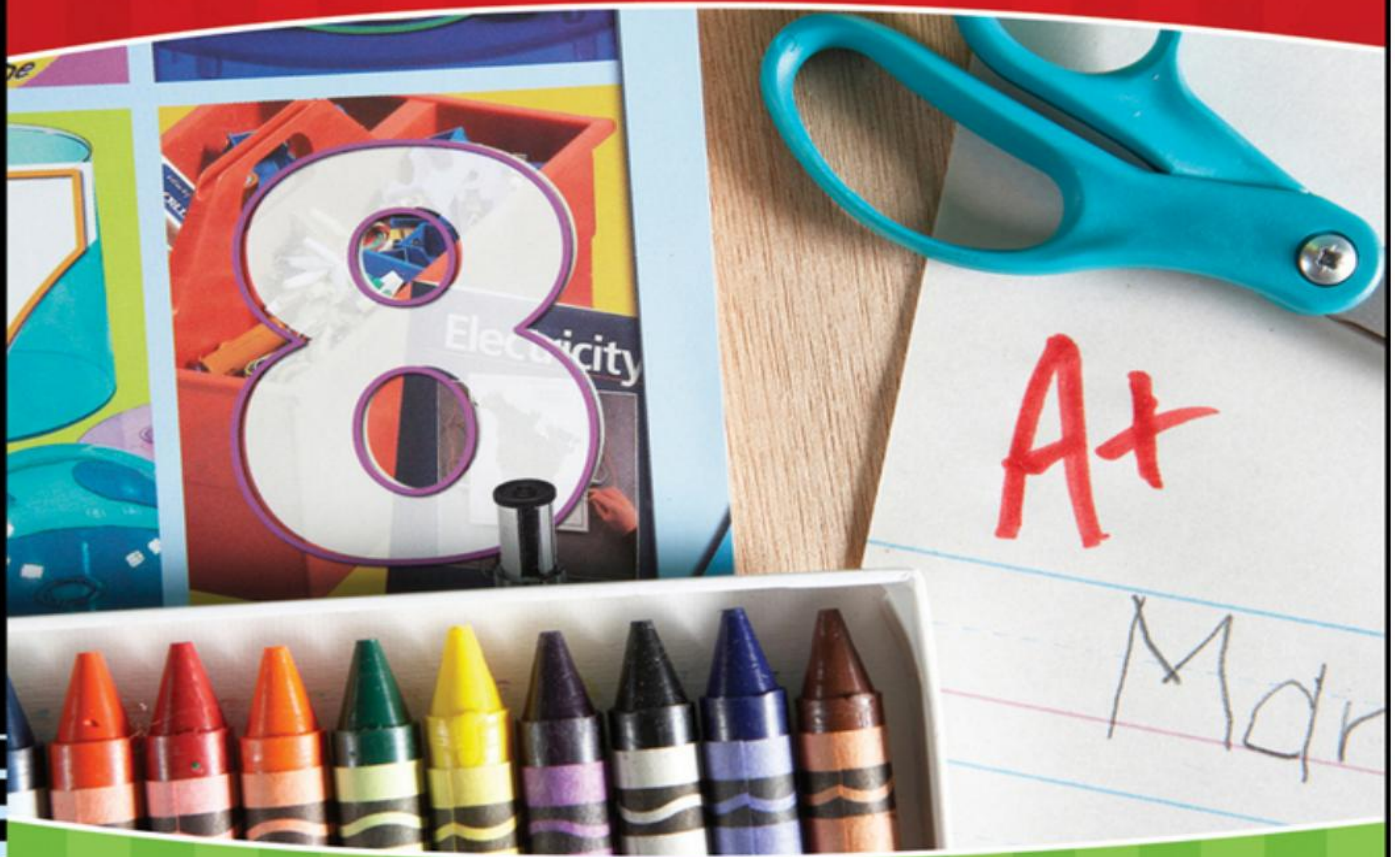


J JOSSEY-BASS TEACHER

GRADES **K-5**

THE ELEMENTARY TEACHER'S **Book of Lists**



Gary Robert Muschla • Judith A. Muschla • Erin Muschla

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The Elementary Teacher's Book of Lists

Gary Robert Muschla,
Judith A. Muschla,
and Erin Muschla

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About This Book

Although teaching any grade or subject is demanding, teaching in the elementary grades is particularly challenging. If you are like most elementary teachers, you are responsible for teaching more than one subject, you teach students whose abilities and personalities vary widely, and you are held accountable for student performance on several standardized tests. Add to this your daily routines of effectively managing a classroom of energetic children as well as interacting with colleagues, administrators, and parents and guardians, and your day is full.

Written for classroom teachers of grades K-5, *The Elementary Teacher's Book of Lists* is designed to provide you with information on a wide range of topics that you can use to enhance your lessons, manage your classroom responsibilities, and create an environment in which learning flourishes. The book contains 273 lists, divided into six sections:

- Section 1: Reading (41 lists)
- Section 2: Writing (59 lists)
- Section 3: Mathematics (63 lists)
- Section 4: Science (50 lists)
- Section 5: Social Studies (35 lists)
- Section 6: General Reference for Elementary Teachers (25 lists)

The lists serve a variety of purposes. You may find many suitable to use as reproducibles to support your instruction, and you may use others for background information on specific topics or to generate supplementary materials for your students. Each list is written in clear, easy-to-read language, and may be used with students of various grades and abilities, enabling you to utilize the materials in a

manner that best satisfies your students' needs. Every list concludes with a "Did you know?" that offers one last fact or observation about the information presented in the list. Finally, where applicable, the lists are cross-referenced so that you can refer to related lists to expand topics and provide additional information.

We trust the lists that follow will provide you with useful information, support you in planning and instruction, and help you to manage your school day more effectively. Our best wishes to you for a wonderful year.

Gary Robert Muschla

Judith A. Muschla

Erin Muschla

About the Authors

Gary Robert Muschla received his BA and MAT from Trenton State College and taught in Spotswood, New Jersey, for more than twenty-five years at the elementary school level. He is a successful author and a member of the Authors Guild and the National Writers Association.

In addition to math resources, Gary has written several resources for English and writing teachers, among them *Writing Workshop Survival Kit* (1993; second edition, 2005); *The Writing Teacher's Book of Lists* (1991; second edition, 2004); *Ready-to Use Reading Proficiency Lessons and Activities, 10th Grade Level* (2003); *Ready-to-Use Reading Proficiency Lessons and Activities, 8th Grade Level* (2002); *Ready-to-Use Reading Proficiency Lessons and Activities, 4th Grade Level* (2002); *Reading Workshop Survival Kit* (1997); and *English Teacher's Great Books Activities Kit* (1994), all published by Jossey-Bass.

Judith A. Muschla received her BA in mathematics from Douglass College at Rutgers University and is certified to teach K-12. She taught mathematics in South River, New Jersey, for more than twenty-five years at various levels at both South River High School and South River Middle School. As a team leader at the middle school, she wrote several math curricula, coordinated interdisciplinary units, and conducted mathematics workshops for teachers and parents. She has also served as a member of the state Review Panel for New Jersey's Mathematics Core Curriculum Content Standards.

Together, Judith and Gary Muschla have coauthored several math books published by Jossey-Bass: *Hands-on Math Projects with Real-Life Applications, Grades 3-5* (2009); *The Math Teacher's Problem-a-Day, Grades 4-8*

(2008); *Hands-on Math Projects with Real-Life Applications, Grades 6-12* (1996; second edition, 2006); *The Math Teacher's Book of Lists* (1995; second edition, 2005); *Math Games: 180 Reproducible Activities to Motivate, Excite, and Challenge Students, Grades 6-12* (2004); *Algebra Teacher's Activities Kit* (2003); *Math Smart! Over 220 Ready-to-Use Activities to Motivate and Challenge Students, Grades 6-12* (2002); *Geometry Teacher's Activities Kit* (2000); and *Math Starters! 5- to 10-Minute Activities to Make Kids Think, Grades 6-12* (1999).

Erin Muschla received her BS and MEd from The College of New Jersey. She is certified to teach grades K-8 with mathematics specialization in grades 5-8 and also social studies K-12. She currently teaches math at Applegarth Middle School in Monroe, New Jersey. She coauthored, with Judith and Gary Muschla, the *Math Teacher's Survival Guide, Grades 5-12* (2010), published by Jossey-Bass.

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Section 1

Reading

The ability to read predicts a student's future success not only in school but in life as well. Reading is the foundation for all other subjects and disciplines. It opens the doors to countless discoveries and opportunities.

List 1.1 Long Vowels and Spellings

Vowels are speech sounds that typically form the central sound of syllables. The letters *a*, *e*, *i*, *o*, *u*, and sometimes *y* represent the main vowels in the English alphabet. The following list contains common spellings of those sounds and example words.

The **long a** /ā/ has several spellings, including:

a: lady, basic, vacation

ai: main, claim, wait

ay: say, play, maybe

a-consonant-e: ate, name, space

ei: eight, neighbor, freight

ey: hey, prey, they

The **long e** /ē/ has several spellings, including:

e: we, me, she

ea: east, weak, flea

ee: see, keep, knee

e-consonant-e: these, complete, concrete

ie: field, brief, piece

i-consonant-e: police, routine, vaccine

y: memory, scary, very

The **long i** /ī/ has several spellings, including:

i: idea, title, lion

igh: might, sigh, highway

i-consonant-e: fire, five, wide

ey: eye, eyelid, eyesight

uy: buy, guy, buyer

y: try, cycle, reply

The **long o** /ō/ has several spellings, including:

o: go, hello, open

oa: coat, goal, oak

ow: owe, snow, bowl

o-consonant-e: hope, nose, spoke

The **long u** /ū/ has several spellings, including:

u: pupil, menu, human

ue: fuel, value, rescue

eau: beauty, beautiful, beautician

u-consonant-e: use, cube, confuse

Did you know? Students who are well versed in phonics tend to be competent readers.

See List 1.2, Short Vowels and Spellings; List 1.3, Special Vowel Sounds and Spellings; List 1.4, Vowels and a Final E.

List 1.2 Short Vowels and Spellings

Unlike long vowel sounds that sound like the letters they represent, short vowel sounds are not as distinct. Most young students easily recognize the long /ā/ in *ate*, yet many have trouble recognizing the short /ĭ/ sound in *drink*

as opposed to the short /ŭ/ sound in *cup*. The following list can add some clarity.

Short a /ă/: pass, at, after, that, man, stand

Short e /ĕ/: end, gem, held, help, went, kept

Note: The short **e** sound may also be spelled **ea** as in *bread* and **ai** as in *said*.

Short i /ĭ/: will, miss, into, sip, big, thin

Short o /ŏ/: body, hot, rock, stop, clock, top

Short u /ŭ/: under, up, study, jump, sun, much

Note: The short u may also be spelled **o** as in *mother*.

Did you know? Most short vowel sounds are spelled with one letter.

See List 1.1, Long Vowels and Spellings; List 1.3, Special Vowel Sounds and Spellings; List 1.4, Vowels and a Final E.

List 1.3 Special Vowel Sounds and Spellings

When they think of vowel sounds, most students think of long vowel sounds and short vowel sounds. There are others. Depending on dialect, English has about twenty distinct vowel sounds. Some of the most common of these other vowel sounds are shown in the following list.

Vowels Affected by *R*

The /âr/ sound has several spellings, including:

ar: vary

are: spare

air: flair

The /är/ sound is often spelled **ar:** far

The /îr/ sound has several spellings, including:

ear: near

eer: cheer

er: serious

ier: pierce

The /ôr/ sound can be spelled:

ar: warm

or: force

The /ûr/ sound has several spellings, including:

er: herd

ear: search

ir: sir

ur: burst

or: world

Diphthongs

The /oi/ sound can be spelled:

oi: oil

oy: boy

The /ou/ sound can be spelled:

ou: out

ow: plow

Double O Sounds

The /oo/ sound can be spelled:

oo: soon

u: truth

The /oo/ sound can be spelled:

oo: good

u: put

Broad O

The /ô/ sound has several spellings, including:

o: long

al: false

au: author

aw: saw