

2009
Saskatchewan
Core Learning Resources

Prekindergarten and Kindergarten



Prekindergarten and Kindergarten:

Core Learning Resources

Prepared by:

Curriculum and E-Learning Branch

Ministry of Education

2009 (Updated 2011)

Core learning resources for prekindergarten and kindergarten

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I. Saskatchewan. Ministry of Education. Curriculum and E-Learning. Humanities Unit.

011.62

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Foreword

This list of learning resources identifies high-quality core professional and Western and Northern Canadian Protocol (WNCP) resources that have been recommended by the Ministry of Education to complement *Children First: A Resource for Kindergarten* and the Kindergarten curricula for the various areas of study. Many of the resources have also been recommended to support Prekindergarten programs and other early childhood education settings. In such cases, this recommendation is indicated on the grade graphic at the top of each page and/or in the annotation. This list will be updated as new resources are recommended. Additional resources are listed on the Ministry of Education website.

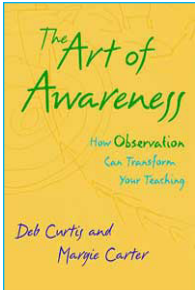
(CAN) indicates that a Canadian contributed to the development of the resource and/or that it includes extensive Canadian content. **(SK)** indicates that a Saskatchewan person contributed to the development of the resource, and/or that it includes extensive Saskatchewan content. **(FNMI)** indicates that a First Nations, Métis, or Inuit person contributed to the development of the resource and/or that it includes First Nations, Métis, or Inuit content. Resources evaluated and recommended as support for the Western and Northern Canadian Protocol curriculum frameworks and Saskatchewan’s provincial curricula have the designation **(WNCP)** before the annotation.

Other resources beyond those recommended in this list and the list of additional resources may complement *Children First: A Resource for Kindergarten* and the Kindergarten curricula for the various areas of study. It remains the responsibility of teachers to preview and select materials that best meet the needs of their classroom, school, or community. These resources should be chosen in accordance with the school division’s learning resources selection policy.

Pricing of the learning resources contained in this document is subject to change without notice.

The Ministry of Education expresses its appreciation to publishers, producers, and distributors who have provided learning resources for evaluation, and gratefully acknowledges the contributions made by educators who served as evaluators.

Print, Audio-visual, and Other Resources



The Art of Awareness: How Observation Can Transform Your Teaching

Authors: Curtis, Deb and Carter, Margie

Annotation

(CORE) This inspiring and practical book offers nine observation study sessions that were originally designed as a college course. These sessions provide ideas, activities, and experiences that help early childhood educators to become aware of children in an in-depth and systematic way that will help them to better plan for children's learning experiences. *The Art of Awareness* includes a table of contents, lists of related professional resources, and an index.

PreK	K	1	2	3	4	5
√	√					

Suggested Use

Professional Resource

Publisher

Redleaf Press

Distributor

Monarch Books of Canada

5000 Dufferin St

DOWNSVIEW ON M3H 5T5

(800) 404-7404

(416) 663-8231

Fax: (416) 736-1702

Email: monarch@monarchbooks.ca

Website: www.monarchbooks.ca

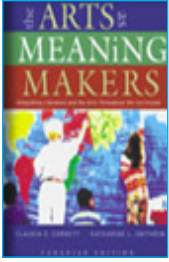
Price: \$38.95 pbk.

Pagination: 173 p.

ISBN: 978-188483484-4

Copyright: 2006

Year Recommended: 2008



The Arts as Meaning Makers: Integrating Literature and the Arts Throughout the Curriculum. Canadian ed.

Authors: Cornett, Claudia and Smithrim, Katharine

Annotation

(CORE, CAN) This professional resource offers practical strategies and conceptual bases for teaching about the arts through literature. The text begins by providing historical and theoretical background supporting the benefits of arts education. The book focuses on integration of literature and the arts in all subject areas. Special features include “quotes of the day” from artists and teachers, classroom vignettes, photographs, literature suggestions, take-action notes, post-it pages, and lists of additional teacher resources.

PreK	K	1	2	3	4	5
	√					

Suggested Use

Professional Resource

Publisher

Prentice Hall Inc.

Distributor

Pearson Education Canada
 School Division
 195 Harry Walker Pkwy N
 NEWMARKET ON L3Y 7B3
 (800) 361-6128
 (905) 853-7888
 Fax: (800) 563-9196
 Email: cdn.ordr@pearsoned.com
 Website: www.pearsonschoolcanada.ca

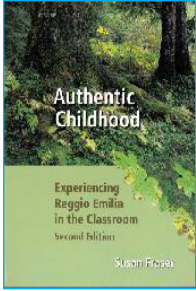
Price: \$81.00 pbk.

Pagination: 454 p.

ISBN: 978-0-13-087380-4

Copyright: 2001

Year Recommended: 2003



Authentic Childhood: Experiencing Reggio Emilia in the Classroom

Author: Fraser, Susan

Annotation

(CORE, CAN, FNMI) This valuable book focuses on the theory and practice surrounding the Reggio Emilia approach to early childhood education. Reggio Emilia is a child-centred approach where children’s curiosity about the environment inspires learning. The book includes descriptions of how two Canadian educators changed their classroom environment and instructional strategies after adopting the Reggio Emilia approach. It also addresses the role of the teacher in working with children from diverse cultural backgrounds. For example, the author travelled to the Early Learning Centre in Regina to visit teachers who work mostly with First Nations students and learned how the Reggio Emilia approach has changed their practices. *Authentic Childhood* includes a table of contents, five appendices (e.g., “Children Teaching Teachers,” “Planning Classroom Environments”), and an index.

PreK	K	1	2	3	4	5
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Suggested Use

Professional Resource

Publisher/Distributor

Nelson Education
 1120 Birchmount Rd
 SCARBOROUGH ON M1K 5G4
 (800) 268-2222
 (416) 752-8101
 Fax: (800) 430-4445
 Email: www.nelson.com/order/forms/orders.html
 Website: www.nelson.com

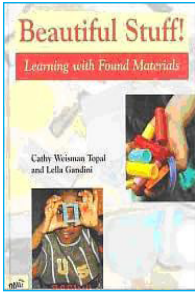
Price: \$54.36 pbk.

Pagination: 312 p.

ISBN: 978-0-17-625139-0

Copyright: 2006

Year Recommended: 2008



Beautiful Stuff! Learning with Found Materials

Authors: Topal, Cathy Weisman and Gandini, Lella

Annotation

(CORE) This resource was designed for the purpose of helping teachers and parents to foster meaningful experiences between children and materials. Enhanced with plentiful colour photographs, the practice and the theory behind the practice were inspired by teachers from Reggio Emilia, Italy and by the exhibition, "The Hundred Languages of Children". The setting includes two American Kindergarten classrooms and one Prekindergarten classroom, where the focus is on the process rather than the product. The book is rich with ideas and suggestions based on real-life experiences in schools. Included are a table of contents and a list of suggested related readings.

PreK	K	1	2	3	4	5
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Suggested Use

Professional Resource

Publisher

Davis Publications

Distributor

Oxford University Press

70 Wynford Dr

DON MILLS ON M3C 1J9

(800) 387-8020

(416) 441-2941

Fax: (800) 665-1771

Email: customer.service.ca@oup.com

Website: www.oupcanada.com/

Price: \$31.95 hdc.

Pagination: 107 p.

ISBN: 978-0-87192-388-2

Copyright: 1999

Year Recommended: 2008

Children Moving: A Reflective Approach to Teaching Physical Education. 8th ed.

Authors: Graham, George M.; Holt/Hale, Shirley Ann; and Parker, Melissa

Annotation

(CORE) This comprehensive resource is divided into six parts. Part One provides an overview of physical education and the skill themes approach. A chapter is devoted to teaching children with special needs. Part Two focuses on the pedagogy of the skill themes approach. Part Three explains the concepts of space, effort, and relationships. It also presents ideas and activities for teaching these concepts to children of various ages. Part Four is devoted to skill development areas such as travelling, balancing, kicking, punting, throwing, and catching. Part Five addresses skill themes in dance, gymnastics, and games. Part Six focuses on the future. Icons highlighting assessment, cognitive understanding, and safety are included. This excellent professional resource offers colour photographs, charts, diagrams, and drawings. Included are a table of contents, an appendix that presents sample yearly overviews, and an index.

PreK	K	1	2	3	4	5
	√					

Suggested Use

Professional Resource

Publisher/Distributor

McGraw-Hill Ryerson Limited
300 Water St
WHITBY ON L1N 9B6
(800) 565-5758
(905) 430-5000
Fax: (800) 463-5885
Email: cs_queries@mcgrawhill.ca
Website: www.mcgrawhill.ca

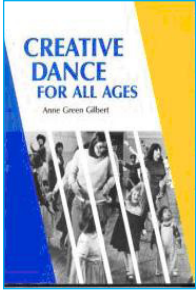
Price: \$171.95 hdc.

Pagination: 722 p.

ISBN: 978-0-07-337645-5

Copyright: 2010

Year Recommended: 2010



Creative Dance for All Ages: A Conceptual Approach

Author: Gilbert, Anne Green

Annotation

(CORE) Anne Green Gilbert offers theory and methods for planning a creative dance class for students of various ages; however, she lightheartedly warns teachers that it may be hazardous to students' health to select activities randomly from the methods section before reflecting upon the theory section. Divided into four parts: "Space," "Time," "Force," and "Body," the methods section provides many suggestions to help make lesson planning and teaching successful. The appendices include assessment tools, information on teaching academic curriculum through the kinaesthetic intelligence, music lists, ideas for props, a bibliography, and suggestions for integrating dance with visual art, drama, and music. The book is enhanced with black-and-white photographs and includes a table of contents.

PreK	K	1	2	3	4	5
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Suggested Use

Professional Resource

Publisher/Distributor

American Alliance for Health, Physical Education, Recreation, and Dance
 PO Box 385, Dept C08
 OXON HILL MD 20750-0385
 (301) 839-9808
 Fax: (301) 567-9553
 Email: aahperd@custsvc.net
 Website: www.aahperd.org

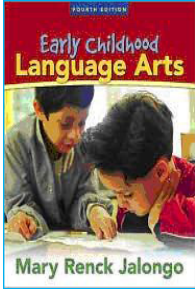
Price: \$30.00 U.S. pbk.

Pagination: 386 p.

ISBN: 978-0-88314-532-6

Copyright: 1992

Year Recommended: 2004



Early Childhood Language Arts. 4th ed.

Author/Illustrator: Jalongo, Mary Renck

Annotation

(CORE) This resource for early childhood educators offers a comprehensive look at early childhood literacy education integrating four strands of the language arts – listening, speaking, reading, and writing. In response to the call for evidence-based reading instruction, the book provides 36 research-based teaching strategies, and every chapter incorporates information on brain research, bilingual education, technology, and the media’s influences on young children. The text offers a synthesis of the information on language arts gleaned from research on emergent literacy, early childhood education, and special education. It also responds to the increasingly diverse needs of young language learners in inclusive settings, working with parents and families, and collaborating with professionals in other fields. Each chapter contains a section on standards, teacher concerns and basic strategies, developmentally appropriate activities, and a teacher self-assessment. Included are a table of contents, a bibliography, and an index.

PreK	K	1	2	3	4	5
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Suggested Use

Professional Resource

Publisher

Allyn & Bacon Canada

Distributor

Pearson Education Canada
 School Division
 195 Harry Walker Pkwy N
 NEWMARKET ON L3Y 7B3
 (800) 361-6128
 (905) 853-7888
 Fax: (800) 563-9196
 Email: cdn.ordr@pearsoned.com
 Website: www.pearsonedschoolcanada.ca

Price: \$85.16 pbk.

Pagination: 382 p.

ISBN: 978-0-205-49046-2

Copyright: 2007

Year Recommended: 2008

Emergent Curriculum in the Primary Classroom: Interpreting the Reggio Approach in Schools

Author: Wien, Carol Anne

Annotation

(CORE, CAN) This book presents nine inspirational stories of the individual experiences that Canadian educators from diverse early childhood settings have had with emergent curriculum and inquiry, as well as their adherence to the Reggio Emilia approach. The author describes emergent curriculum as follows: "In emergent curriculum, teachers plan in response to the groups' interests and concerns, and curriculum expands into genuine inquiry, as children and teachers together become participatory colearners who attempt to understand some aspect of real life". *Emergent Curriculum in the Primary Classroom* provides both soundly developed theory and practical examples. Included are a table of contents and an index.

PreK	K	1	2	3	4	5
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Suggested Use

Professional Resource

Publisher

Teachers College Press

Distributor

National Association for the Education of Young Children
1313 L St NW, Suite 500
WASHINGTON DC 20005
(202) 232-8777
(800) 424-2460
Fax: (202) 328-2649
Email: naeyc@naeyc.org
Website: www.naeyc.org/

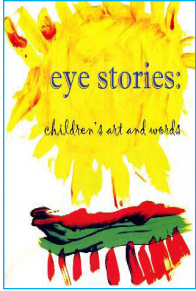
Price: \$28.00 U.S. hdc.

Pagination: 176 p.

ISBN: 978-0-8077-4887-9

Copyright: 2008

Year Recommended: 2008



Eye-Stories: Children's Art and Words

Authors: MacDonald-Carlson; Brandoli, Helen; and Brandoli, Alan

Annotation

(CORE, CAN) In 2004-2005, the faculty and students from the Early Childhood Education Program at Thompson Rivers University worked with teachers and three- to five-year-old students from the Caribou Child Centre to observe, document, collect, and preserve the students' art work. This book was published to accompany an exhibition, *Eye-Stories: Children's Art and Words*, in which the children's art work and statements made during the creative process were displayed. This documentation of 32 samples of the children's visual and verbal representations will help teachers to better understand the connection between language and artistic expression in young children. It offers insight into the potential of very young artists to express complex ideas in a concrete way.

This resource is available on the website at www.smallcities.ca/current_cura/site_folder/image%20galleries/Resources/eye%20stories-childrens%20art%20and%20words.pdf.

PreK	K	1	2	3	4	5
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Suggested Use

Professional Resource

Publisher/Distributor

Small Cities Community-University Research Alliance
c/o Faculty of Arts

Thompson Rivers University
900 McGill Rd

KAMLOOPS BC V2C 5N3
(250) 828-5248

Fax: (250) 371-5697

Email: smallcities@tru.ca

Website: www.smallcities.ca

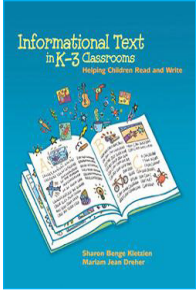
Price: \$Free online

Pagination: 40 p.

ISBN: 0-9739407-0-0

Copyright: 2005

Year Recommended: 2006



Informational Text in K-3 Classrooms: Helping Children Read and Write

Authors: Kletzien, Sharon Bengé and Dreher, Mariam Jean

Annotation

(CORE) This professional resource advocates literacy instruction using a mix of non-fiction and fiction text. It provides before, during, and after teaching strategies for using informational text with young students within meaningful contexts. Attention is given to comprehension strategies. Guidance for teachers addresses how to choose informational text for the classroom and library, as well as how to feature this genre in read-alouds. Included are a table of contents, lists of resources, forms and checklists for teachers, and an index.

PreK	K	1	2	3	4	5
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Suggested Use

Professional Resource

Publisher

International Reading Association

Distributor

Ontario Library Association
50 Wellington St E, Suite 201
TORONTO ON M5E 1C8
(866) 873-9867
(416) 363-3388
Fax: (800) 387-1181
Email: info@accessola.com
Website: www.accessola.com

Price: \$25.14 pbk.

Pagination: 160 p.

ISBN: 978-0-87207-537-5

Copyright: 2004

Year Recommended: 2005



Little Kids - Powerful Problem Solvers: Math Stories from a Kindergarten Classroom

Authors: Andrews, Angela Giglio and Trafton, Paul R.

Annotation

(CORE) This book is a collection of stories, one for each month of the school year, that illustrate how a Kindergarten teacher engaged her students in critical thinking and mathematical problem solving using issues as they arose in her classroom. By creating a mathematically rich environment and a classroom climate supportive of interaction and discourse, the teacher helped students to explore, observe, estimate, predict, hypothesize, analyze, and apply mathematical concepts. Each story concludes with a reflection on the mathematical concepts illustrated in the story. The authors emphasize the importance of teachers' understanding of these concepts in order to take advantage of teachable moments. This resource supports developmentally appropriate instruction in mathematics

PreK	K	1	2	3	4	5
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Suggested Use

Professional Resource

Publisher

Heinemann Educational Books

Distributor

Pearson Education Canada
School Division
195 Harry Walker Pkwy N
NEWMARKET ON L3Y 7B4
(800) 361-6128
(905) 853-7888
Fax: (800) 563-9196
Email: cdn.ordr@pearsoned.com
Website: www.pearsonschoolcanada.ca/

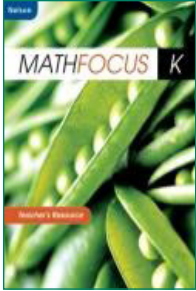
Price: \$22.95 pbk.

Pagination: 103 p.

ISBN: 978-0-325-00431-0

Copyright: 2002

Year Recommended: 2007



Nelson Math Focus Kindergarten

Author: Small, Marion

Annotation

(CORE, CAN, WNCP) This resource consists of a teacher's guide accompanied with a CD-ROM and 10 double-sided posters.

The teacher's resource includes suggestions for planning, assessment, mathematical processes, and classroom set-up. There are four units, organized by strand, each consisting of three sections and a unit overview. Each section begins with a planning chart that lists activities, goals, and materials required. Each activity provides the learning goal(s), the materials required, lesson variations, and suggestions for observing students to promote learning. Centre-based, cross-curricular activities are provided at the end of each section to reinforce the concepts taught. Literature connections are listed separately and within activities. A yearly plan suggests how teachers may revisit each strand and build upon previously taught concepts. Three summative projects are also included.

Caution: The suggested blackline masters are inappropriate for Kindergarten. Hands-on activities using authentic materials are a developmentally appropriate alternative.

Note: This resource may be used without the poster component. If the posters are used, it is important to note that poster 5D illustrates a child who is not wearing a personal floatation device (PFD) and is unaccompanied in a boat. This is not a safe practice.

Note: The Ministry of Education has not evaluated the websites mentioned in this resource.

PreK	K	1	2	3	4	5
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Suggested Uses

Number
Patterns and Relations
Shape and Space
Student Resource

Publisher/Distributor

Nelson Education
1120 Birchmount Rd
SCARBOROUGH ON M1K 5G4
(800) 268-2222
(416) 752-9100
Fax: (800) 430-4445
Email: www.nelson.com/order/forms/orders.html
Website: www.nelson.com

Copyright: 2007

Year Recommended: 2007

Title	ISBN	Price
Teacher's Resource	978-0-17-632434-6	\$270.95
Poster Pack	978-0-17-632435-3	\$216.95 set of 38

Observing Development of the Young Child. 7th ed.

Author: Beaty, Janice J.

Annotation

(CORE) Designed as a university text, this seventh edition presents a system for observing and recording the development of children in early childhood settings. It focuses on observation of children's social, emotional, motor, cognitive, language, and creative development. A comprehensive checklist for recording observations and information on sharing data with parents/caregivers is provided. Each of the 14 chapters offers suggested readings for teachers, children's learning resources, and activities. The book includes a table of contents, an index of the children's books recommended in the text, and a general index.

Note: The children's books recommended in this resource have not all been evaluated by the Saskatchewan Ministry of Education.

PreK	K	1	2	3	4	5
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Suggested Use

Professional Resource

Publisher

Merrill

Distributor

Pearson Education Canada
School Division
195 Harry Walker Pkwy N
NEWMARKET ON L3Y 7B3
(800) 361-6128
(905) 853-7888
Fax: (800) 563-9196
Email: cdn.ordr@pearsoned.com
Website: www.pearsonschoolcanada.ca

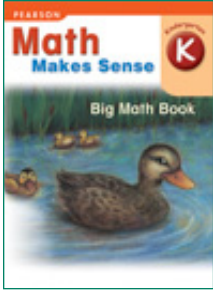
Price: \$48.08 pbk.

Pagination: 480 p.

ISBN: 978-0-13-502589-3

Copyright: 2010

Year Recommended: 2011



Pearson Math Makes Sense K. WNCP ed.

Author: Wyman, Diane

Annotation

(CORE, CAN, WNCP) This resource consists of a teacher's guide, a big math book, and a CD-ROM of the teacher's guide in PDF and/or editable form.

The teacher's guide includes a program overview, planning and assessment support, and four units of study. Suggestions are provided for daily, unit, and yearly planning that reflect half-day, alternate-day, and full-day Kindergarten programs. Lessons include before, during, and after activities with an assessment component. The resource provides teachers with probing questions that encourage students to explain their own thinking. Unit centres and activity banks provide ideas and suggested materials for centres.

A literacy link suggests books that may be integrated with each lesson. Each unit includes a family letter that provides a summary of the mathematical concepts being addressed and open-ended activities to use at home to reinforce key concepts.

The Big Math Book includes chants, poems, and songs that encourage the development of mathematical concepts.

Caution: The suggested blackline masters are inappropriate for Kindergarten. Hands-on activities using authentic materials are a developmentally appropriate alternative.

PreK	K	1	2	3	4	5
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Suggested Uses

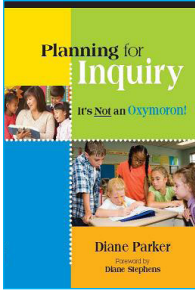
Number
Patterns and Relations
Shape and Space
Student Resource

Publisher/Distributor

Pearson Education Canada
School Division
195 Harry Walker Pkwy N
NEWMARKET ON L3Y 7B4
(800) 361-6128
(905) 853-7888
Fax: (800) 563-9196
Email: cdn.ordr@pearsoned.com
Website: www.pearsonschoolcanada.ca/

Copyright: 2007

Year Recommended: 2007



Planning for Inquiry: It's Not an Oxymoron!

Author: Parker, Diane

Annotation

(CORE) This informative book guides educators in facilitating inquiry-based learning. The author invites readers into her classroom to reflect with her as she offers an up-close view of the underlying structure of an inquiry-based approach, how it appears in real-life practice, and how educators may implement this approach in their classrooms. Enhanced with diagrams, black-and-white photographs, and anecdotes, this is a user friendly resource. Included are a table of contents, an index, and appendices that offer assessment tools, sample planning forms, sample advocacy efforts, and more.

PreK	K	1	2	3	4	5
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Suggested Use

Professional Resource

Publisher/Distributor

National Council of Teachers of English
 1111 W. Kenyon Road
 URBANA IL 61801-1096
 (217) 328-3870
 Fax: (217) 328-9645
 Email: customerservice@ncte.org
 Website: www.ncte.org

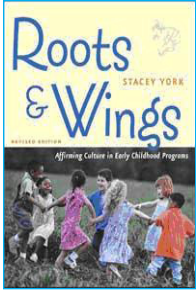
Price: \$30.95 U.S. pbk.

Pagination: 107 p.

ISBN: 978-0-8141-3560-0

Copyright: 2007

Year Recommended: 2008



Roots & Wings: Affirming Culture in Early Childhood Programs.

Rev. ed.

Author: York, Stacey

Annotation

(CORE, FNMI) This revised edition of *Roots & Wings* offers a practical introduction to support early childhood educators in dealing with the many-faceted and complex issues of cultural diversity and racial prejudice in early childhood settings. It provides numerous activities, examples, and suggestions for affirming culture in young children. Included are a table of contents, a glossary, and an index.

PreK	K	1	2	3	4	5
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Suggested Use

Professional Resource

Publisher

Redleaf Press

Distributor

Monarch Books of Canada
 5000 Dufferin St
 DOWNSVIEW ON M3H 5T5
 (800) 404-7404
 (416) 663-8231
 Fax: (416) 736-1702
 Email: monarch@monarchbooks.ca
 Website: www.monarchbooks.ca

Price: \$37.50 pbk.

Pagination: 272 p.

ISBN: 978-1-929610-32-7

Copyright: 2003

Year Recommended: 2004

Serious Players in the Primary Classroom: Empowering Children through Active Learning Experiences. 2nd ed.

Author: Wassermann, Selma

Annotation

(CORE, CAN) This revised edition builds on Wassermann's original work while offering deeper insight into the integrated classroom model of play-debrief-play. The author continues to focus on developing a can-do attitude in students and has added a new chapter on moral dilemmas. Built on a sound theoretical basis that recognizes the importance of play, this professional resource offers 29 sample activities in the areas of science, social studies, math, and language arts. It also provides guidance for teachers to develop their own activities within the play-debrief-replay framework. Included are a table of contents, an index, and appendices that provide a self-assessment tool for teachers and a materials list for a can-do classroom.

PreK	K	1	2	3	4	5
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Suggested Use

Professional Resource

Publisher

Teacher's College Press

Distributor

University of Toronto Press

5201 Dufferin St

TORONTO ON M3H 5T8

(800) 565-9523

(416) 667-7777

Fax: (800) 221-9985

Email: utpbooks@utpress.utoronto.ca

Website: www.utppublishing.com

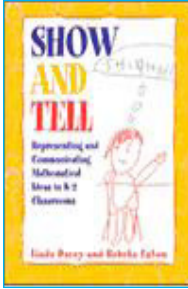
Price: \$19.95 pbk.

Pagination: 271 p.

ISBN: 978-0-8077-3986-0

Copyright: 2000

Year Recommended: 2004



Show and Tell: Representing and Communicating Mathematical Ideas in K-2 Classrooms

Authors: Dacey, Linda and Eston, Rebekah

Annotation

(CORE) This innovative resource demonstrates how mathematical concepts can be taught through “showing and telling.” Using this instructional method, students develop problem-solving skills as they represent different solutions and communicate their mathematical ideas. Numerous classroom vignettes and examples of student work model how “show and tell” can deepen students’ mathematical understandings.

PreK	K	1	2	3	4	5
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Suggested Use

Professional Resource

Publisher

Math Solutions Publications

Distributor

Pearson Education Canada
School Division
195 Harry Walker Pkwy N
NEWMARKET ON L3Y 7B3
(800) 361-6128
(905) 853-7888
Fax: (800) 563-9196
Email: cdn.ordr@pearsoned.com
Website: www.pearsonschoolcanada.ca

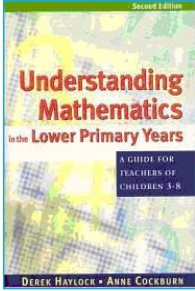
Price: \$29.70 pbk.

Pagination: 232 p.

ISBN: 978-0-941355-50-6

Copyright: 2002

Year Recommended: 2003



Understanding Mathematics in the Lower Primary Years: A Guide for Teachers of Children 3-8. 2nd ed.

Authors: Haylock, Derek and Cockburn, Anne

Annotation

(CORE) While this book is written from a British perspective, the pedagogy it promotes is relevant to Saskatchewan's mathematics curriculum. Designed to enhance educators' understanding and teaching of mathematics, the authors promote learning strategies to deepen levels of mathematical concept attainment within students. Emphasis is placed on providing concrete experiences in order to help students make connections to the underlying mathematical ideas. Chapter topics include "Understanding Number," "Understanding Addition and Subtraction," "Understanding Multiplication and Division," "Number Patterns and Calculations," "Measurement," "Shape and Space," "Handling Data," and "Thinking Mathematically."

Note: This resource has also been recommended as a professional resource to support the Grade 1 mathematics curriculum.

PreK	K	1	2	3	4	5
√	√	√				

Suggested Use

Professional Resource

Publisher

Paul Chapman Publishing Ltd.

Distributor

Sage Publications, Inc.
 2455 Teller Rd
 THOUSAND OAKS CA 91320
 (805) 499-9774
 (800) 818-7243
 Fax: (800) 583-2665
 Email: order@sagepub.com
 Website: www.sagepub.com

Price: \$89.95 U.S. hdc.
 \$37.95 U.S. pbk.

Pagination: 149 p.

ISBN: 978-0-7619-4103-3 hdc.
 978-0-7619-4104-0 pbk.

Copyright: 2003

Year Recommended: 2005

Understanding the Reggio Approach. 2nd ed.

Authors: Thornton, Linda and Brunton, Pat

Annotation

(CORE) This is an excellent resource for educators who desire to increase their understanding of the Reggio Emilia approach to early childhood education. The book analyzes the essential elements of this highly regarded approach and offers examples to demonstrate these elements. *Understanding the Reggio Approach* also highlights key ideas that educators should consider when reflecting upon their personal practice. Included are a table of contents, an appendix of descriptions of resources referenced in the book, and an index.

PreK	K	1	2	3	4	5
√	√					

Suggested Use

Professional Resource

Publisher

Taylor & Francis Books (UK)

Distributor

Login Canada
324 Saulteaux Cres
WINNIPEG MB R3J 3T2
(800) 665-1148
(204) 837-2987
Fax: (800) 665-0103
Website: www.lb.ca
Email: sales@lb.ca

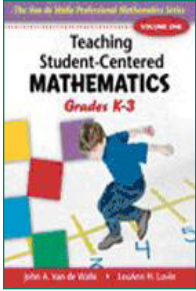
Price: \$41.95 pbk.

Pagination: 144 p.

ISBN: 978-0415-48247-9

Copyright: 2009

Year Recommended: 2010



The Van de Walle Professional Mathematics Series: Volume 1

Authors: Van de Walle, John A. and Lovin, Louann H.

Annotation

(CORE) This teacher reference promotes the use of problem-based activities to develop students' conceptual understanding of mathematical concepts. The resource emphasizes the idea that math makes sense. The opening chapters outline the foundations for student-centred instruction, and serve as the underpinning for all other chapters. The resource highlights the need for ongoing assessment that is integrated with instructional planning. Numerous practical examples of problem-based activities, assessment notes, and ideas for integrating technology into instruction are included, and readers are encouraged to reflect on various concepts presented throughout the resources.

A CD-ROM accompanies the title, providing an electronic version of the books with additional tips and video clips to illustrate various concepts. A supporting website is also available.

PreK	K	1	2	3	4	5
	√	√	√	√		

Suggested Use

Professional Resource

Publisher

Allyn & Bacon Canada

Distributor

Pearson Education Canada
School Division
195 Harry Walker Pkwy N
NEWMARKET ON L3Y 7B4
(800) 361-6128
(905) 853-7888
Fax: (800) 563-9196
Email: cdn.ordr@pearsoned.com
Website: www.pearsonschoolcanada.ca

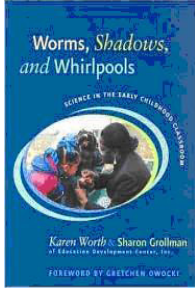
Price: \$86.50 pbk.

Pagination: 103 p.

ISBN: 978-0-321-42045-1

Copyright: 2006

Year Recommended: 2007



Worms, Shadows, and Whirlpools: Science in the Early Childhood Classroom

Authors: Worth, Karen and Grollman, Sharon

Annotation

(CORE) This professional resource focuses on what science education can be when it is at its best. This comprehensive book highlights valuable science inquiry skills and concepts that are developmentally appropriate for young children. It also supports integration of science with other subjects. Interspersed throughout the content are teacher stories, black-and-white photographs, and samples of children's work. Included are a table of contents and an index.

PreK	K	1	2	3	4	5
√	√					

Suggested Use

Professional Resource

Publisher

Heinemann Educational Books

Distributor

Pearson Education Canada
School Division

195 Harry Walker Pkwy N
NEWMARKET ON L3Y 7B3

(800) 361-6128

(905) 853-7888

Fax: (800) 563-9196

Email: cdn.ordr@pearsoned.com

Website: www.pearsonschoolcanada.ca

Price: \$28.82 pbk.

Pagination: 168 p.

ISBN: 978-0-325-00573-7

Copyright: 2003

Year Recommended: 2008



The Young Scientist Series

Authors: Chalufour, Ingrid and Worth, Karen

Annotation

(CORE) These detailed professional resources describe how to guide children in an in-depth exploration of the world around them. Using an inquiry-based approach, teachers can support and build upon children’s natural curiosity, engaging them in reflective, purposeful dialogue about their observations of the environment. These excellent resources provide a wealth of ideas for focused exploration and extension activities suitable for both home and school. Many opportunities exist to make connections with curriculum areas including science, mathematics and English language arts. Suggestions and checklists are included to focus teachers’ observations and assessment of children’s learning in order to assist with the planning of future learning experiences. Included in each book are a table of contents and an index.

A trainer’s guide and DVD are available to support each book in the series.

Note: Discovering Nature with Young Children has also been recommended to support the Grade 1 mathematics curriculum.

PreK	K	1	2	3	4	5
√	√	√				

Suggested Use

Professional Resource

Publisher

Redleaf Press

Distributor

Monarch Books of Canada
 5000 Dufferin St
 DOWNSVIEW ON M3H 5T5
 (800) 404-7404
 (416) 663-8231
 Fax: (416) 736-1702
 Email: monarch@monarchbooks.ca
 Website: www.monarchbooks.ca

Pagination: 108-157 p.

Copyright: 2003

Year Recommended: 2005

Title	ISBN	Price
<i>Building Structures with Young Children</i>	978-1-929610-50-1	\$32.50
Trainer’s Guide & DVD	978-1-933653-16-7	\$80.95
Complete Set – Book, Trainer’s Guide & DVD	978-1-933653-19-8	\$102.95
<i>Discovering Nature with Young Children</i>	978-1-929610-38-9	\$32.50
Trainer’s Guide & DVD	978-1-933653-15-0	\$80.95
Complete Set – Book, Trainer’s Guide & DVD	978-1-933653-18-1	\$102.95
<i>Exploring Water with Young Children</i>	978-1-929610-54-9	\$32.50
Trainer’s Guide & DVD	978-1-933653-17-4	\$80.95
Complete Set – Book, Trainer’s Guide & DVD	978-1-933653-20-4	\$102.95

Community Resources

Schools and their surrounding communities have a wealth of human and other resources that can support student achievement of learning outcomes. Children can benefit greatly by interacting with visitors to the classroom, by exploring their own school, and by making discoveries about the world that lies outside the school.

Visitors to the Classroom

As children are interested in the work, hobbies, and experiences of their parents/caregivers, Elders, grandparents, older siblings, nurses, police officers, firefighters, and other members of the community, interacting with these human resources can greatly enrich children's learning experiences and achievement of learning outcomes. (When inviting Elders into the classroom, teachers should become familiar with and adhere to local protocol.)

Making Discoveries within the School

School is part of the whole environment of the child – a living thing drawing vitality from its contribution to and its reflection of the community it serves. A sense of belonging grows from firsthand knowledge; therefore, teachers should arrange tours to help children become accustomed to the layout of the school building and yard, and to introduce them to the work of various members of the school community.

There are many places and people within the school that young children are curious about (e.g., the furnace room, the staff room, the offices, the gym, the yard, the library, the principal, the teachers, the teacher-librarian, the administrative assistant, the caretaker).

Making Discoveries about the World That Lies Outside the School

Student achievement of learning outcomes can be supported through a variety of opportunities within the community. Any street in any city or town is full of possibilities for exploration – there are so many things of immediate interest to young children: the houses, apartments, and shops; the materials used in the construction of buildings; the colour and texture of the bricks and wood; the shape, size, and arrangement of the doors and windows; the layout of the streets; where the children live; the reflections seen on a wet day; the texture of the snow; the shape of lamp posts and their methods of lighting; shadows on the ground. Children can look at the trees, plants, birds, and animals, identify them, find out where they grow or live, and try to describe them. Young children enjoy watching the traffic – they can note the cars, trucks, and buses that pass the school and observe the traffic signals.

Teachers can encourage the use of senses other than vision. Children can shut their eyes and listen, trying to identify the sounds around them. They can feel the vibrations made by traffic, people, and animals passing along roadways and over bridges. They can feel the difference when walking on various substances.

Excursions beyond the school and schoolyard provide varied opportunities for students to achieve particular learning outcomes. Further excursions can be made to many places including a(an):

- airport – to watch airplanes, the people working there, and baggage collection
- art gallery – to look at and discuss the art
- bakery – to watch bread being made
- building site – to watch construction
- conservatory or greenhouse – to learn how plants grow indoors

-
- farm – to see the animals, buildings, and machinery
 - fire station – to see the fire trucks and equipment
 - forest – to investigate how forests grow and rejuvenate
 - grasslands – to explore habitat
 - grocery store – to purchase food for cooking
 - high school – to see where the older girls and boys go
 - hospital – to talk to the staff and see the equipment
 - landfill – to investigate reducing, recycling, and reusing materials
 - library – to discover how resources are arranged and how they can join the library
 - lumber yard – to buy lumber for the carpentry centre and discover kinds of wood
 - machinery dealer – to investigate how a tractor works
 - park – to have a picnic
 - post office – to mail thank-you cards
 - powwow – to see dancers, hear music, and experience a cultural event
 - puppet show – to learn about traditional stories
 - river bank or bridge – to watch boats, people, and animals
 - senior citizens' home – to visit the people
 - service station – to look at the underside of a car and learn about its parts
 - train station – to observe trains, signals, and tracks
 - waterfowl park or marshland – to learn about the habitat of birds.

Manipulatives, Toys, Equipment, and Supplies

An effective early childhood classroom needs to be well stocked with appropriate manipulatives, toys, equipment, and supplies. Many of these resources can be found in the natural environment, while other basic resources such as water trays and easels may have to be purchased from reliable suppliers. The list below includes a few examples of distributors where these materials can be purchased. A chart that includes examples of useful mathematics manipulatives follows the list.

Artel Educational Resources Ltd.
5528 Kingsway
BURNABY BC V5H 2G2
(800) 665-9255
(604) 435-4949
Fax: (877) 435-1955
Email: info@arteleducational.ca
Website: <http://arteleducational.ca/catalog/index.php>

Educational Resources
1550 Executive Dr
ELGIN IL 60123
(877) 787-9047
Fax: (800) 6105005
Email: custserv@edresources.com
Website: www.edresources.com/

Exclusive Educational Products
243 Saunders Rd
BARRIE ON L4N 9A3
(800) 563-1166
(705) 725-1166
Fax: (705) 725-1167
Email: mail@exclusiveeducational.ca
Website: www.exclusiveeducational.ca/

Louise Kool & Galt
1-10 Newgale Gate
SCARBOROUGH ON M1X 1C5
(800) 268-4011
(416) 293-0312
Fax: (800) 482-7905
Email: service@louisekool.com
Website: www.louisekool.com

Scholar's Choice
2323 Trafalgar St
PO Box 7214
LONDON ON N5Y 5S7
(800) 265-1095
(519) 453-7470
Fax: (800) 363-3398
Email: web@scholarschoice.ca
Website: www.scholarschoice.ca

School Specialty Canada
5510-268 St, Unit 200
LANGLEY BC V4W 3X4
(866) 519-2816
Fax: (800) 775-0353
Email: info@schoolspecialty.ca
Website: www.schoolspecialty.ca

Spectrum Educational Supplies Ltd.
150 Pony Dr
NEWMARKET ON L3Y 7B6
(800) 668-0600
(905) 898-0031
Fax: (800) 668-0602
Email: mmeade@spectrumed.com
Website: <https://education.spectrum-nasco.ca/default.htm>

Wintergreen Learning Materials
3075 Line 8, RR 2
BRADFORD ON L3Z 2A5
(800) 268-1268
(905) 669-2815
Fax: (800) 567-8054
Email: custserv@wintergreen.ca
Website: www.wintergreen.ca

Mathematics Manipulatives

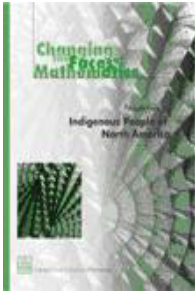
Item	Suggested Uses (Strands)	Suggested Quantity
Natural material such as rocks, stones, shells of all sizes, leaves, twigs, branches, flower petals, feathers, pinecones, and pods	All	Various
Open-ended material such as beads, buttons, glass pebbles, tiles, marbles, ribbon, fabric samples, spools of thread, and poles with pulleys	All	Various
Attribute blocks - Sets of small-sized blocks - Sets of large-sized blocks	Patterns and Relations Shape and Space	4 or 5 sets of the small-sized attribute blocks per class 1 set of the large-sized attribute blocks per class
Balance	Patterns and Relations Shape and Space	4 to 5 per class to include in learning environments
Base ten materials Note 1: These blocks are not essential; however, they are great for exploration. Note 2: These blocks must be able to connect so that units may be joined together and/or placed on 10-rod.	Number	1 set that includes both blue and red, and has at least 10 units, 10 rods, and 1 square per student
Colour tiles (including tiles for use with overhead)	Number Patterns and Relations	At least 10 of each colour per child and some for replacement
Clay, play dough, and other similar materials	Number Patterns and Relations Shape and Space	Various
Containers for water and sand table	Shape and Space	A large variety of shapes and sizes
Counters (both purchased and natural) - Open-ended and natural materials placed in the environment - Transparent and multi-coloured - 2-sided	Number Patterns and Relations	Counters – at least 10 per student per colour and some for replacement Small objects – depends on type and use
Dice - 6-sided (0-5 and 1-6) - 10-sided numerals - Overhead, blank, dots, and numerals	Number	At least 2 per student and some for replacement
Digital camera	Number Patterns and Relations Shape and Space	1 easy-to-use camera per classroom
Dominos	Number	1 set per 2 students 1 overhead set per class
Five frames and ten frames - Overhead transparencies	Number	1 of each per student

(continued)

Mathematics Manipulatives (continued)

Item	Suggested Uses (Strands)	Suggested Quantity
Letters, numbers, or thematic shapes	Number Patterns and Relations	Number depends on type and use
Linking Cubes	Number Patterns and Relations Shape and Space	2 large class sets <i>Note: Sets of extra linking cubes (4 cm x 4 cm x 4 cm) are available</i>
Money (coins, including loonies and toonies)	Number (counting coins)	At least 1 large set per class with a tray for exploring, dramatic play, and free play
Overhead or LCD projector	Number Patterns and Relations Shape and Space	1 per classroom
Pattern blocks (including overhead, wooden, magnetic, stickers, or stamps) Note: Wooden pattern blocks are recommended for children's use. Plastic and wooden blocks do not work well together.	Number Patterns and Relations Shape and Space	1-2 large class sets
Playing cards	Number Patterns and Relations	At least 15 decks with face cards removed
Shoelaces, paper or cloth bags, trays, sorting mats, sturdy paper plates, etc.	Number Patterns and Relations	2 long shoe laces per student. These are used to create sets. Class sets of cloth bags, trays, sorting mats, sturdy paper plates, etc
Stamps	Number Patterns and Relations	Number depends on type and use
3-D geometric shapes - Geoblocks - Volumetric solids	Patterns and Relations Shape and Space	5 sets per class
Wooden blocks	Shape and Space (sorting)	At least 3 sets of commercial building blocks per class

Out of Print but Still Useful Resources



Changing the Faces of Mathematics: Perspectives on Indigenous People of North America

Editors: Hanks, Judith Elaine and Fast, Gerald R.

Annotation

(CORE, FNMI) This resource is a collection of essays related to teaching mathematics in a culturally relevant way to North American Aboriginal people. It discusses ways of helping Aboriginal students make meaningful connections between school mathematics and their culture. The authors stress the need to present mathematical concepts within the context of daily life scenarios, and they illustrate ways to involve students in culturally related mathematical activities. Examples include suggestions for teaching numbers and operations concepts using traditional games, and introducing students to a variety of number systems specific to North American Aboriginal people. Many geometrical concepts and patterns are immersed in arts and crafts associated with the culture. Some activities lend themselves to co-operative group or partner work, while others are better structured as independent study. A section on portfolios and the paradigm shift in mathematics assessment is included.

Note: Because this is an American resource, some terminology is inconsistent with what is culturally appropriate in Canada. For example, the term *Eskimo* rather than *Inuit* appears in one of the essays. Also, many of the pedagogical principles presented in this essay apply to all students across cultures.

This title is currently out of print, but it may be available in school libraries or on www.amazon.com or www.ABE.com.

PreK	K	1	2	3	4	5
√	√	√	√	√	√	√

Suggested Use

Professional Resource

Publisher

National Council of Teachers of Mathematics

Pagination: 238 p.

ISBN: 978-0-87353-506-9

Copyright: 2002

Year Recommended: 2005

Digital Resources

The Ministry of Education is also planning to post recommended digital resources on its new website, *Saskatchewan Curriculum – Education: The Future within Us*.

Current Internet sites that provide information for early childhood educators follow:

Canadian Association for Young Children (CAYC) at www.cayc.ca/

(CORE, CAN) This Internet site offers valuable information from the CAYC including its mission statement, its philosophy, membership criteria, publications, and events.

Centre of Excellence for Early Childhood Development (CEECD) at www.excellence-earlychildhood.ca/home.asp?lang=EN

(CORE) This Internet site provides valuable information from CEECD including its mission statement, mandate, products, activities, and structure.

National Association for the Education of Young Children (NAEYC) at www.naeyc.org/

(CORE) This Internet site provides valuable information from NAEYC including membership criteria, upcoming conferences, publications, and early childhood issues.

North American Reggio Emilia Alliance (NAREA) at www.reggioalliance.org/

(CORE) This Internet site offers valuable information from NAREA, including membership criteria, schools of Reggio, professional development opportunities, and publications.

Saskatchewan Early Childhood Education Council (ECEC) at <http://saskecec.ca/>

(CORE, SK) This Internet site includes valuable information from ECEC including its mission statement, constitution, upcoming conferences, membership criteria, and publications.

Videatives at www.videatives.com/

(CORE) This Internet site provides 52 videatives (video narratives) to help viewers increase their understanding of children's thinking and learning. These short clips bring to life sound principles of child development and early childhood education.