

# ONTARIO REPORT CARD COMMENTS

## Grade 4: Mathematics

Spatial Sense	Numbers	Data
<b>Geometry and Spatial Reasoning: Shapes</b>	<b>Number Sense: Whole Numbers</b>	<b>Data Collection and Organization</b>
Expected to plan to identify the characteristics of two-dimensional shapes and understand how they are related to one another.	Expected to plan to recognize and use whole numbers up to a million (up to 1,000,000) in various contexts.	Expected to plan to collect, organize, and display data.
<b>Geometry and Spatial Reasoning: Location</b>	<b>Number Sense: Fractions and Decimals</b>	<b>Data Visualization</b>
Expected to plan to identify the location of objects in a two-dimensional space.	Expected to plan to represent fractions that have a denominator of 10 and decimals that have a denominator of 100 in various contexts.	Expected to plan to use a variety of data displays to represent data.
<b>Measurement: Length, Mass, and Volume</b>	<b>Operations: Properties and Relationships</b>	<b>Data Analysis</b>
Expected to plan to use a variety of units to measure length, mass, and volume.	Expected to plan to understand the properties of operations, and the relationships between addition, subtraction, multiplication, and division.	Expected to plan to analyze data to identify trends and patterns.
<b>Measurement: Time</b>	<b>Operations: Multi-Pitch</b>	<b>Probability</b>
Expected to plan to use a variety of units to measure time.	Expected to plan to understand the properties of multi-digit numbers, and the relationships between addition, subtraction, multiplication, and division.	Expected to plan to use a variety of probability models to represent chance events.

# Remedial Math Report Card Samples

**Lyn D. English**



## **Remedial Math Report Card Samples:**

The Math Teacher's Toolbox Bobson Wong, Larisa Bukalov, 2020-04-28 Math teachers will find the classroom tested lessons and strategies in this book to be accessible and easily implemented in the classroom The Teacher's Toolbox series is an innovative research based resource providing teachers with instructional strategies for students of all levels and abilities Each book in the collection focuses on a specific content area Clear concise guidance enables teachers to quickly integrate low prep high value lessons and strategies in their middle school and high school classrooms Every strategy follows a practical how to format established by the series editors The Math Teacher's Toolbox contains hundreds of student friendly classroom lessons and teaching strategies Clear and concise chapters fully aligned to Common Core math standards cover the underlying research required technology practical classroom use and modification of each high value lesson and strategy This book employs a hands on approach to help educators quickly learn and apply proven methods and techniques in their mathematics courses Topics range from the planning of units lessons tests and homework to conducting formative assessments differentiating instruction motivating students dealing with math anxiety and culturally responsive teaching Easy to read content shows how and why math should be taught as a language and how to make connections across mathematical units Designed to reduce instructor preparation time and increase student engagement and comprehension this book Explains the usefulness application and potential drawbacks of each instructional strategy Provides fresh activities for all classrooms Helps math teachers work with ELLs advanced students and students with learning differences Offers real world guidance for working with parents guardians and co teachers The Math Teacher's Toolbox Hundreds of Practical ideas to Support Your Students is an invaluable source of real world lessons strategies and techniques for general education teachers and math specialists as well as resource specialists special education teachers elementary and secondary educators and teacher educators The Nation's Report Card, 2001 **Resources in Education**, 1997 Awakening Children's Minds Laura E. Berk, 2004 Based on the most recent contemporary research this is a wide ranging and practical guide to parenthood and early childhood education 7 halftones **Handbook of College Reading and Study Strategy Research** Rona F. Flippo, Thomas W. Bean, 2018-06-12 The most comprehensive and up to date source available for college reading and study strategy practitioners and administrators the Third Edition of the Handbook of College Reading and Study Strategy Research reflects and responds to changing demographics as well as politics and policy concerns in the field since the publication of the previous edition In this thorough and systematic examination of theory research and practice the Handbook offers information to help college reading teachers to make better instructional decisions justification for programmatic implementations for administrators and a complete compendium of both theory and practice to better prepare graduate students to understand the parameters and issues of this field The Handbook is an essential resource for professionals researchers and students as they continue to study research learn and share more about college reading and

study strategies Addressing current and emerging theories of knowledge subjects and trends impacting the field the Third Edition features new topics such as disciplinary literacy social media and gaming theory *Classroom Assessment for Students with Special Needs in Inclusive Settings* Cathleen G. Spinelli, 2002 Imagine a world in which every single person on the planet is given free access to the sum of all human knowledge That s what we re doing Jimmy Wales With more than 2 000 000 individual articles on everything from Aa a Japanese pop group to Zzyzx California written by an army of volunteer contributors Wikipedia is the 8 site on the World Wide Web Created and corrected by anyone with access to a computer this impressive assemblage of knowledge is growing at an astonishing rate of more than 30 000 000 words a month Now for the first time a Wikipedia insider tells the story of how it all happened from the first glimmer of an idea to the global phenomenon it s become Andrew Lih has been an administrator a trusted user who is granted access to technical features at Wikipedia for more than four years as well as a regular host of the weekly Wikipedia podcast In *The Wikipedia Revolution* he details the site s inception in 2001 its evolution and its remarkable growth while also explaining its larger cultural repercussions Wikipedia is not just a website it s a global community of contributors who have banded together out of a shared passion for making knowledge free Featuring a Foreword by Wikipedia founder Jimmy Wales and an Afterword that is itself a Wikipedia creation **Mathematics Teaching Reimagined** Nathan D. Lang-Raad, 2025-04-08 Transform mathematics instruction with the comprehensive mathematical competencies CMC framework a research based model that integrates seven essential competencies conceptual and procedural integration problem solving logical reasoning communication tool use pattern recognition and student engagement Through practical classroom strategies and real world examples create learning environments where students build deep mathematical proficiency through meaningful connected experiences K 12 teachers can use this book to Implement the seven mathematical competencies through detailed curriculum planning instruction and assessment strategies Move beyond isolated skill practice to develop integrated mathematical understanding and proficiency Create classroom environments that foster productive engagement and mathematical confidence Apply research based approaches that connect conceptual understanding with procedural fluency Design meaningful learning experiences that develop critical thinking and problem solving abilities Contents Introduction Chapter 1 Myths and Misconceptions in Mathematics Education Chapter 2 Conceptual and Procedural Integration Chapter 3 Problem Solving and Modeling Chapter 4 Logical Reasoning and Proof Chapter 5 Communication and Representation Chapter 6 Strategic Use of Tools and Precision Chapter 7 Structural Insight and Regularity Chapter 8 Productive Disposition and Engagement Chapter 9 The CMC Framework in Your Classroom Epilogue References Index **Handbook of Child Psychology and Developmental Science, Ecological Settings and Processes** , 2015-04-06 The essential reference for human development theory updated and reconceptualized *The Handbook of Child Psychology and Developmental Science* a four volume reference is the field defining work to which all others are compared First published in 1946 and now in its

Seventh Edition the Handbook has long been considered the definitive guide to the field of developmental science Volume 4 Ecological Settings and Processes in Developmental Systems is centrally concerned with the people conditions and events outside individuals that affect children and their development To understand children s development it is both necessary and desirable to embrace all of these social and physical contexts Guided by the relational developmental systems metatheory the chapters in the volume are ordered them in a manner that begins with the near proximal contexts in which children find themselves and moving through to distal contexts that influence children in equally compelling if less immediately manifest ways The volume emphasizes that the child s environment is complex multi dimensional and structurally organized into interlinked contexts children actively contribute to their development the child and the environment are inextricably linked and contributions of both child and environment are essential to explain or understand development Understand the role of parents other family members peers and other adults teachers coaches mentors in a child s development Discover the key neighborhood community and institutional settings of human development Examine the role of activities work and media in child and adolescent development Learn about the role of medicine law government war and disaster culture and history in contributing to the processes of human development The scholarship within this volume and as well across the four volumes of this edition illustrate that developmental science is in the midst of a very exciting period There is a paradigm shift that involves increasingly greater understanding of how to describe explain and optimize the course of human life for diverse individuals living within diverse contexts This Handbook is the definitive reference for educators policy makers researchers students and practitioners in human development psychology sociology anthropology and neuroscience

**InfoWorld**  
,1983-07-11 InfoWorld is targeted to Senior IT professionals Content is segmented into Channels and Topic Centers InfoWorld also celebrates people companies and projects

**Fostering Child and Adolescent Mental Health in the Classroom** Raymond J. Waller,2006-03-13 Fostering Child and Adolescent Mental Health in the Classroom provides educators and school personnel with a thorough readable guide to some of the most common mental health issues they are likely to confront in the classroom Editor Raymond J Waller offers pre service and in service educators strategic tools to help take the proper steps toward addressing the mental health issues of their students

**Handbook of International Research in Mathematics Education** Lyn D. English,2002-03 This state of the art Handbook brings together important mathematics education research that makes a difference in both theory and practice research that anticipates problems and needed knowledge before they become impediments to progress interprets future oriented problems into researchable issues presents the implications of research and theory development in forms that are useful to practitioners and policymakers and facilitates the development of research communities to focus on neglected priorities or strategic opportunities The volume represents a genuine attempt by contributors from around the world to advance the discipline rather than simply review what has been done and what exists The Handbook was developed in response to a number of major global catalysts for

change including the impact of national and international mathematics comparative assessment studies the social cultural economic and political influences on mathematics education and research the influence of progressively sophisticated and available technology and the increasing globalization of mathematics education and research From these catalysts have emerged specific priority themes and issues for mathematics education research in the 21st century Three key themes were identified for attention in this volume life long democratic access to powerful mathematical ideas advances in research methodologies and influences of advanced technologies Each of these themes is examined in terms of learners teachers and learning contexts with theory development as an important component of all these aspects Dynamic and forward looking the Handbook of International Research in Mathematics Education is distinguished by its focus on new and emerging theoretical models perspectives and research methodologies its uniformly high standard of scholarship and its emphasis on the international nature of mathematics education research It is an essential volume for all researchers professionals and students interested in mathematics education research in particular and more generally in international developments and future directions in the broad field of educational research

Just Schools (1979) Frank Adams, Richard Kluger, Laughlin McDonald, Lorenzo Middleton, Elizabeth Eckford, Chris Mayfield, John Egerton, Mike Masterson, Anne Braden, Robert Coles, Clare Jupiter, R.C. Smith, Randall Williams, Steve Hoffius, Marcia Kunstel, Pat Stevens, Frank Kunstel, Charles Hardy, Mark Pinsky, Linda Williams, David Nevin, Robert Bills, Pamela George, Meyer Weinberg, Leon Hall, James Lyons, Kenneth Clark, Hayes Mizell, Before it was over they fired him from the little schoolhouse at which he had taught devotedly for ten years And they fired his wife and two of his sisters and a niece And they threatened him with bodily harm And they sued him on trumped up charges and convicted him in a kangaroo court and left him with a judgment that denied him credit from any bank And they burned his house to the ground while the fire department stood around watching the flames consume the night And they stoned the church at which he pastored And fired shotguns at him out of the dark But he was not Job and so he fired back and called the police who did not come and kept not coming Then he fled driving north at eighty five miles an hour over country roads until he was across the state line Soon after they burned his church to the ground and charged him for having shot back that night with felonious assault with a deadly weapon and so he became an official fugitive from justice In time the governor of his state announced they would not pursue this minister who had caused all the trouble and said of him Good riddance

**Developmental Pathways Through Middle Childhood** Catherine R. Cooper, Cynthia T. Garcia Coll, W. Todd Bartko, Helen M. Davis, Celina Chatman, 2006-04-21 When can contexts and diversity be resources rather than risks for children s developmental pathways Scholars policy makers and practitioners increasingly realize that middle childhood matters as a time when children s pathways diverge as they meet new and overlapping contexts they must navigate on their way to adolescence and adulthood This volume shines new light on this important transition by tracing how these contexts cultural economic historical political and social can support or undermine children s pathways and how children s own

actions and the actions of those around them shape these pathways With a focus on demographic changes taking place in the U S the volume also maps how experiences of diversity reflecting culture ethnicity gender and social class matter for children s life contexts and options Chapters by a team of social scientists in the MacArthur Foundation Research Network on Successful Pathways through Middle Childhood present the fruits of ten years of research on these issues with diverse cultural and ethnic communities across the U S These include a set of models and measures that trace how contexts and diversity evolve and interact over time with an epilogue that aligns and compares them surprising new findings quantitative and qualitative with cases showing how children and families shape and are affected by their individual recreational institutional and cultural experiences and applications to policy and practice for diverse children and families The importance of these new models methods findings and applications is the topic of commentaries by distinguished scholars with both U S and international perspectives The book is intended for researchers practitioners and policy makers as well as students in psychology sociology and education **Sierra Educational News** California Teachers Association,1960 **Special**

**Educational Needs and Inclusive Education: Assessment and teaching strategies** David R. Mitchell,2004

Demonstrates how the fields of special education and inclusive education have evolved philosophically and technically over the past 30 years **Introduction to Educational Research** W. Newton Suter,2012 W Newton Suter argues that what is important in a changing education landscape is the ability to think clearly about research methods reason through complex problems and evaluate published research He explains how to evaluate data and establish its relevance Count Girls In Karen Panetta,Katianne Williams,2018-08-01 Maybe you have a daughter who loves cooking soccer and musicals Maybe she s a social butterfly an athlete a fashionista and a humanitarian who wants to change the world Be honest do you think Well she s clearly not a math and science kid Do you assume that certain classes and careers won t appeal to her Count Girls In challenges these assumptions and presents a totally different way of thinking there is a place for all girls and young women not just the science fair winners and robotics club members in science technology engineering and math STEM fields if we can keep their and our minds and options open and meet them where they are To succeed in STEM fields today girls don t have to change who they are A girl who combines her natural talents interests and dreams with STEM skills has a greater shot than ever before at a career she loves and a salary she deserves Count Girls In encourages parents and other adults to raise authentic young women who have the confidence to put STEM to work in a way that best serves them and their passions The authors both STEM professionals present compelling research in a conversational accessible style and provide specific advice and takeaways for each stage of schooling from elementary school through college followed by comprehensive STEM resources This isn t a book about raising competitive test acing girls in lab coats this is about raising happy confident girls who realize the world of opportunities before them **Journal of Developmental Education** ,2017 **Brookings**

**Papers on Education Policy: 2003** Diane Ravitch,2010-12-01 In 1983 the seminal report issued by the National

Commission on Excellence in Education A Nation at Risk charged that most American high schoolers were following a general course of instruction choosing neither the college preparatory track nor the vocational option This pattern the report complained had fostered low expectations and a curricular hodge podge of classes that failed to prepare students for college or work The commission called on states to implement academic requirements for all students regardless of background including four years of English and three years each of science mathematics and social studies Students should not be sorted by their presumed future destinations the commission reasoned but should be offered an equal opportunity to get a high quality education to fit them either for postsecondary education or the modern workplace Two decades after the commission called on states to reform the high school environment and raise graduation requirements the Brown Center on Education Policy at the Brookings Institution convened a group of prominent scholars to explore the current state of America s high schools focusing on new research about reforming these institutions that are so important in the lives of the nation s adolescents The questions considered reflected the diversity of the participants and covered a variety of areas historical international sociological and practical Data gathered by the U S Department of Education show students today are taking many more advanced courses in mathematics and the sciences while at the same time test scores do not reflect the increases in enrollments in academic courses In addition large score gaps remain among students from different social groups Reform of the high schools must take into account the elementary and middle schools that prepare students and the postsecondary institutions to which students aspire Adolescent culture and students views about school and academic work play important roles in student achievement as do the family and contemporary society in shaping of adolescent behavior No matter their background all participants agreed that the key to a successful high school rests with the extent to which it recognizes and strengthens its commitment to the intellectual growth of its students

### **School Counselors as Practitioners** Judy A.

Nelson, Lisa A. Wines, 2024-06-25 School Counselors as Practitioners Second Edition is a hands on practice based task oriented guide to being an effective school counselor Thoroughly revised this textbook continues to address the foundation of school counseling the main duties of a school counselor the skills needed to be successful and what to expect as a school counseling professional All these topics have been updated to include the current thinking research and evidence based practices and challenges in school counseling Additionally interviews of principals school counselors and community leaders are included which provide readers with the reality of how to navigate the waters of the comprehensive school counseling program The chapter authors also highlight the necessity of designing implementing and evaluating the counseling program for continuous improvement Online resources provide students with templates and handouts for on the job responsibilities as well as quiz questions for every chapter This updated edition is essential reading for counselor educators graduate students enrolled in a school counseling program supervisors of school counselors including administrators and practicing school counselors



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web fiber optic communication is mainly conducted in the wavelength region where optical fibers have small transmission losses this low loss wavelength region ranges from 1260 to 1625 nm and is divided into five wavelength bands referred to as the o e s c and l bands current networks are designed for the 1 55  $\mu\text{m}$  window c band

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web 1 stack 3 popsicle sticks together tie rubberbands at either end 2 stack 2 sticks together tie 1 rubberband at one end 3 open the 2 stack wedging the 3 stack in between them 4 secure your sticks with 2 rubber bands

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