

Using Technology to Support Students: Resources to Meet Your Needs



*A list of professional materials available for borrowing
from the Stewart Resources Centre – April 2013*



The STF's Stewart Resources Centre – CHECK US OUT!

In order to serve you better, we have compiled the following list of resources that directly address some of your professional needs. We hope you find this publication helpful, and we would be pleased to hear from you if you would like us to continue producing more specialized resource lists, or if you have suggestions on how we can improve our service to you. We want to serve you better!

We make it easy for you to use the Stewart Resources Centre:

- For schools outside of Saskatoon, we mail our resources directly to you and provide a postage-paid mailing label for you to use to mail the resources back to us. (Audio-visual resources are excluded from the Canada Post library mailing rate, so you will need to pay postage to return these items.)
- For schools in Saskatoon, your resources arrive at your school through the weekly inter-school mail delivery. Materials may also be returned to us using this courier system.
- You don't need to know the exact titles for resources you need. Provide a topic and an approximate grade level at which you would like to use the materials, and we will do the rest!
- We are accessible 24 hours a day through the STF website: www.stf.sk.ca You may search our catalogue online or e-mail us your resource requests at: src@stf.sk.ca
- Call us! STF members may call the Stewart Resources Centre toll-free at 1-800-667-7762, ext. 6323, or we can be reached at 373-1660, ext. 6323 for local calls.
- Visit us in person! We are open 8:30 a.m. to 5:00 p.m. from Monday to Friday.



371.33 D357

Assistive technology in the classroom : enhancing the school experiences of students with disabilities (2nd ed.) / Dell, Amy G. Newton, Deborah A.

Boston, MA: Pearson, 2012.

Subjects: Students with disabilities. Educational technology.

Summary: This text focuses on the use of assistive technology to increase the independence and participation of students with disabilities in schools by providing them with access to the curriculum. With an emphasis on both the relationship between assistive technology and learning and on how assistive technology can be integrated into the curriculum, this text assesses the school-related tasks that students with special needs must perform in order to be successful.

371.33 J66

The classroom teacher's technology survival guide / Johnson, Doug.

Hoboken, NJ: Jossey-Bass, 2012.

Subjects: Education – Effect of technological innovations on. Educational technology.

Summary: This guide covers the most up-to-date technologies and how they can best be used in the classroom. Includes advice on upgrading time-tested educational strategies using technology. Talks about managing “disruptive technologies” in the classroom.

371.148 B467

Co-teaching that works : structures and strategies for maximizing student learning / Beninghof, Anne M.

San Francisco, CA: Jossey-Bass, 2012.

Subjects: Teaching teams. Classroom management.

Summary: This book provides practical ideas for defining teacher roles, planning lessons, providing effective instruction, and maximizing the value of each team member. The author shares stories, and real-life co-taught lesson examples that emphasize creative yet time-efficient instructional strategies that lend themselves beautifully to the co-taught classroom. Offers tips for effective teaching strategies for every type of team teaching situation imaginable. Includes guidelines for successful team-teaching with specialists in technology; literacy; occupational/physical therapy; special education; speech-language therapy; ELL; and gifted.

371.9043 B458

Differentiating instruction for students with learning disabilities : new best practices for general and special educators (3rd ed.) / Bender, William N.

Thousand Oaks, CA: Corwin, 2012.

Subjects: Learning disabled children – Education. Individualized instruction.

Summary: By weaving together differentiated instruction, Response to Intervention, and educational technology, educators can increase achievement among students with learning disabilities and also foster the development of 21st-century skills. This guide offers: specific strategies for differentiating instruction within an RTI framework; strategies for using technology to instruct and assess students with learning disabilities; teaching tips and concrete examples of brain-friendly instruction; guidance on a range of supportive instructional techniques; additional strategies based on the latest research in metacognition; and up-to-date techniques, such as using flipped classes and wikis, to enhance learning in general and special education settings.

* Annotations have been excerpted from book descriptions provided by the publishers.

371.9046 I37

Inclusion strategies that work! : research-based methods for the classroom (2nd ed.) / Karten, Toby J. (Ed.).

Thousand Oaks, CA: Corwin, 2010.

Subjects: Children with disabilities – Education. Inclusive education. Teenagers with disabilities – Education.

Summary: This book: shows how to adapt teaching strategies, curriculum, and assessment to support inclusion and a learning environment that respects the abilities of all learners; provides numerous, classroom-ready examples of universal design for learning (UDL), understanding by design (UBD), IEPs, and other essential tools for inclusive instruction; guides readers in understanding and addressing a wide range of social, emotional, and behavioural issues; and offers technology-driven classroom activities and resources to maximize student performance.

371.90433 B931

The practical (and fun) guide to assistive technology in public schools / Bugaj, Christopher R. Eugene, OR: International Society for Technology in Education, 2010.

Subjects: Special education – Technological innovations. Self-help devices for people with disabilities. Children with disabilities – Education.

Summary: Assistive technology (AT) is a serious topic – providing students with special needs tools and strategies to aid in their learning – but reading about it doesn't have to be boring! The authors throw in a few pirates, monsters, and monkeys to keep you engaged but don't sacrifice the tips, strategies, and insight that will help improve your school or district AT program. From setting up a stellar team to consultations and evaluations, and from implementation to assessing success, this guide presents detailed advice and ideas to provide AT services that effectively and efficiently help students.

372.43 B458

RTI and differentiated reading in the K-8 classroom / Bender, William N.

Bloomington, IN: Solution Tree, 2011.

Subjects: Response to intervention (Learning disabled children). Learning disabled children – Education. Reading--Remedial teaching.

Summary: Three dramatic innovations are now changing the face of reading instruction - Response to Intervention (RTI), differentiated instruction, and technology. This book spells out how to restructure the early elementary classroom using these three innovations.

371.33 P977

Teaching in the digital age : smart tools for age 3 to grade 3 / Puerling, Brian.

St. Paul, MN: Redleaf Press, 2012.

Subjects: Early childhood education – Curricula. Early childhood education – Computer-assisted instruction. Educational technology.

Summary: Explore the many ways technology can enhance complete curriculum and assessment in the classroom. The book's strategies reflect Technology in Early Childhood Programs, the joint position statement of the National Association for the Education of Young Children and the Fred Rogers Center.

371.102 B458

The teaching revolution : RTI, technology, and differentiation transform teaching for the 21st century / Bender, William N. Waller, Laura.

Thousand Oaks, CA: Corwin, 2011.

Subjects: Educational technology. Mixed ability grouping in education. Response to intervention (Learning disabled children).

Summary: The authors provide a futuristic and provocative discussion on combining three major instructional innovations - RTI, technology, and differentiation. Drawing on the growing 21st-century skills movement, this book weaves these three areas into a vision for school transformation that includes: utilizing mobile technologies, web-based instruction, and social media; RTI that benefits all students and whole schools in their improvement efforts; and project-based learning focused on answering real-world questions.

371.904334 G796

The ultimate guide to assistive technology in special education : resources for education, intervention, and rehabilitation / Green, Joan L.

Waco, TX: Prufrock Press, 2011.

Subjects: Communication devices for people with disabilities. Special education. Assistive computer technology. Self-help devices for people with disabilities.

Summary: Readers are introduced to an exciting world in which assistive technology, educational technology, and mainstream technology are merging. The book focuses on software, tools, devices, and online resources that can help students with everyday tasks such as speaking, understanding, reading, writing, cognition, and memory. Along the way, readers will discover new ways to use everyday items such as mainstream software, cell phones, and calendars to assist students with special needs.

371.394 U58

Universal design for learning : a guide for teachers and education professionals

Arlington, VA: The Council for Exceptional Children, 2005.

Subjects: Individualized instruction. Educational technology. Children with disabilities – Education.

Summary: This practical guide shows teachers how to understand, plan, and implement Universal Design for Learning (UDL) in the classroom as well as in other academic environments. Offering various instructional resources, this brief book explains the general principles of UDL and shows educators how to effectively instruct students utilizing this research-based concept across content areas. Incorporating technology throughout the guide, this book encourages teachers to integrate assistive technology in order to provide all students greater access to learning.

JOURNAL ARTICLES

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- Guder, C. S. (2012). Making the right decisions about assistive technology in your library. *Library Technology Reports*, 48(7), 14-21.
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- Kelly, R. R. (2003). Using technology to meet the developmental needs of deaf students to improve their mathematical word problem solving skills. *Mathematics and Computer Education*, 37(1), 8-15.
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- Moh, C. (2011). Assistive technology devices and children with cerebral palsy. *Journal of Applied Learning Technology*, 1(4), 14-18.
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- Southall, C. (2013). Use of technology to accommodate differences associated with autism spectrum disorder in the general curriculum and environment. *Journal of Special Education Technology*, 28(1), 23-34.
- Vize, A. (2013). Using assistive technology. *Practically Primary*, 18(1), 37-41.

Zhou, L., Ajuwon, P. M., Smith, D. W., Griffin-Shirley, N., Parker, A. T., & Okungu, P. (2012). Assistive technology competencies for teachers of students with visual impairments: A national study. *Journal of Visual Impairment & Blindness*, 106(10), 656-665.



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