

Teachers' Resource Centre

Saskatchewan Rivers Public School Division #119
Prince Albert, SK
PH: (306) 764-4045 FAX: 306-764-4635
E-mail: trc@srsd119.ca

Grade 4 Science Resources

The following resources are available from the TRC to support the grade 4 science curriculum. For further information regarding the resources listed below, please go to our online catalogue and search using the title OR do a subject search using the title of the unit (ie: Light).

For those of you who are familiar with our big theme boxes, we are trying smaller kits of less than 10 books in order that more teachers may be able to make use of our resources. For that reason, we ask that you do not book all available resources for a unit but choose instead the ones you think will be most useful for your purposes.

Life Science – Habitats and Communities		
Author	Title	Call Number
<i>Individual Titles</i>		
Dawn Casey	Barefoot book of earth tales., The	398.2 CAS 3 copies
	Content essentials for science: student handbook.	500 CON
	Content essentials for science: teacher guide.	500 CON
Jennifer E. Lawson	Hands-on science, level four.	500 LAW
	Earth matters.	577 EAR 2 copies
	Habitats and communities.	577 HAB 2 copies
Matt Mullins	Super cool science experiments: Ecosystems.	577.078 MUL
A.D. Tarbox	Prairie food chain., A	577.4 TAR
Ken Carriere	Bulrush helps the pond., The	577.68 CAR
Patricia Urie	Habitats.	591.56 URI 2 copies

<i>Class Sets</i>		
Les Asselstine	Science everywhere 4.	CS 500 ASS 31 copies + guide
	Habitats. Grade 4.	CS 591.564 HAB 40 copies + guide
Celia Godkin	Wolf Island.	CS 813.54 GOD 32 copies + guide
<i>Videos</i>		
Bill Nye	Garbage.	DVD 333.95 NYE
Bill Nye	Biodiversity.	DVD 333.95 NYE
Bill Nye	Pollution solutions.	DVD 363.73 NYE 2 copies
	Water & weather / Ecosystems & environment.	DVD 500 WAT
Bill Nye	Wetlands.	DVD 551.41 NYE
Bill Nye	Caves.	DVD 551.447 NYE
Bill Nye	Ocean exploration.	DVD 551.46 NYE
Bill Nye	Ocean life.	DVD 551.46 NYE
Bill Nye	Lakes and ponds.	DVD 551.482 NYE
Bill Nye	Rivers and streams.	DVD 551.483 NYE
Bill Nye	Food web.	DVD 577 NYE 2 copies
	All about food chains.	DVD 577.16 ALL
	All about forest ecosystems.	DVD 577.3 ALL
	All about deserts & grasslands.	DVD 577.54 ALL
Bill Nye	Deserts.	DVD 577.54 NYE
	All about water ecosystems.	DVD 577.6 ALL
Bill Nye	Forests.	DVD 577.683 NYE
	All about animal behavior & communication.	DVD 591.5 ALL
	Earth.	DVD 591.56 EAR
	Migration.	DVD 591.56 MIG
Bill Nye	Spiders.	DVD 595.4 NYE
Bill Nye	Marine animals.	DVD 599.5 NYE
	All about endangered and extinct animals.	DVD 639.9 ALL
	Pacific Rim.	DVD 950 PAC

<i>High Interest, Low Vocabulary</i>		
	Animals at risk.	HL 574.5 ANI 7 copies + guide
<i>Kits</i>		
Greg Pyers	Habitat explorer. (6 books)	KIT 570 PYE
Alison Balance	Habitats of the world. (10 books)	KIT 577 BAL
Paul Fleisher	Food webs. (6 books)	KIT 577 FLE
Bobbie Kalman	Introducing habitats. (12 books + guide)	KIT 577 KAL
Zelda King	Examining habitats. (6 books)	KIT 577 KIN 3 copies
Suzanne Slade	What if...? (4 books)	KIT 577 SLA 2 copies
Sharon Katz Cooper	Horrible habitats. (7 books)	KIT 577.1 COO 2 copies
	Food webs. (6 books)	KIT 577.16 FOO
	Animals with super powers. (4 books)	KIT 591.4 ANI
<i>Theme Kits</i>		
	Life science, grade 3. (TKT + oversize resource)	TKT 570 LIF 2 copies
	Life science, grade 4. (TKT + oversize resource)	TKT 570 LIF 2 copies
	Life science, grade 5. (TKT + oversize resource)	TKT 570 LIF 2 copies
	Habitats. (TKT + oversize resource)	TKT 574.5 HAB
	Habitats. Grade 4 science.	TKT 574.5 HAB
	Habitats and communities.	TKT 574.5 HAB
	Organisms and environments.	SP 574.5 ORG
	Organisms and environments. Supplement.	TKT 574.5 ORG
	Ponds.	TKT 575.5 PON
Rebecca L. Johnson	Biomes of North America.	TKT 577 JOH
	Food chains and food webs.	TKT 577.16 FOO
	Dry as a desert.	TKT 577.54 DRY
	Earth's endangered animals.	TKT 578.68 KAL
	Fact finders.	TKT 591 FAC
	Not-so-creepy creatures.	TKT 591 NOT

	Insects.	TKT 595.7 INS
	Birds. Division II.	TKT 598 BIR
<i>Oversize Resources</i>		
Brenda Z. Guiberson	Cactus hotel.	OS 574.5 GUI
David Drew	Which habitat?	OS 591.5 DRE
	Animal migration.	OS 591.52 ANI
	Animal homes.	OS 591.52 ANI
	Animal defenses.	OS 591.57 ANI
David Drew	Hidden animals.	OS 591.57 DRE
David Drew	Caterpillar diary.	OS 595.78 DRE
David Drew	Tadpole diary.	OS 597.8 DRE
Joan Van Bramer	Whale rap.	OS 599.5 VAN
Lynne Cherry	Great Kapok tree., The	OS E CHE
<i>Playaway View</i>		
	Plants: what they are and where they live.	PV 580 PLA
Physical Science – Light		
Author	Title	Call Number
<i>Individual Titles</i>		
	Content essentials for science: student handbook.	500 CON
	Content essentials for science: teacher guide.	500 CON
Robin Kerrod	Way science works., The	500 KER
Jennifer E. Lawson	Hands-on science, level four.	500 LAW
	Science resource centre.	500 SCI
Ed Simpson	Discover science and technology: grade 4.	500 SIM
Alan Jones	Science: the physical world.	500.2 JON
Marvin N. Tolman	Physical science activities for grades 2-8.	500.2 TOL
Andrew Solway	Exploring sound, light, and radiation.	531.1133 SOL
David Burnie	Light.	535 BUR
Isabel Deslauriers	Light & sound.	535 DES 2 copies

	Light & color.	535 LIG
	Light.	535 LIG 2 copies
Avalyn Wilson McGinley	Light & sound. [Grades 4-6]	535 MCG
Phil M. Parratore	Light & sound: hands-on experiments, interdisciplinary activities.	535 PAR
Clint Twist	Light & sound.	535 TWI
Edward P. Ortleb	Heat, light, and sound 1-3.	536 ORT
<i>Class Sets</i>		
Les Asselstine	Science everywhere 4.	CS 500 ASS 31 copies + guide
	Light and sound.	CS 534 LIG 20 copies + guide
Jenny Karpelenia	Light.	CS 535 KAR 35 copies + guide
	Light. Grade 4.	CS 535 LIG 60 copies + guide
<i>Videos</i>		
	What is energy?	DVD 333.79 WHA 2 copies
Bill Nye	Energy transfer.	DVD 500 NYE
Bill Nye	Waves.	DVD 530 NYE
	All about waves.	DVD 531.113 ALL 2 copies
	All about light.	DVD 535 ALL
	Light.	DVD 535 LIG
	Light refraction.	VCR+ 535 LIG
Bill Nye	Light and color.	DVD 535 NYE 2 copies
	Science of light., The	DVD 535 SCI
Bill Nye	Light optics.	DVD 571.47 NYE
<i>Kits</i>		
	Characteristics of light. (8 books)	KIT 535 CHA
	Light: grade 4. (8 books)	KIT 535 LIG 2 copies
	Light science. (4 books)	KIT 535 LIG 2 copies

	Light & sound.	KIT 535 LIG
<i>Theme Kits</i>		
	Physical science, grade 3.	TKT 500.2 PHY 2 copies
	Light.	SP 535 LIG
	Light. Supplement.	TKT 535 LIG
	Earth science, grade 3.	TKT 550 EAR 2 copies
<i>Models</i>		
	Mirrors. [Class set]	MOD 748.8 MR
<i>Oversize Resources</i>		
Jan Adkins	Wonder of light., The	OS 535 ADK 2 copies
	Light and shadows.	OS 535 LIG 2 copies
Physical Science – Sound		
Author	Title	Call Number
<i>Individual Titles</i>		
	Content essentials for science: student handbook.	500 CON
	Content essentials for science: teacher guide.	500 CON
Robin Kerrod	Way science works., The	500 KER
Jennifer E. Lawson	Hands-on science, level four.	500 LAW
Colin A. Ronan	Science explained.	500 RON
Ed Simpson	Discover science and technology: grade 4.	500 SIM
Alan Jones	Science: the physical world.	500.2 JON
Roy Purnell	Physical world., The	500.2 PUR
Marvin N. Tolman	Physical science activities for grades 2-8.	500.2 TOL
Zella Williams	Experiments with physical science.	530.078 WIL
Andrew Solway	Exploring sound, light, and radiation.	531.1133 SOL

Simon DePinna	Sound	534 DEP
Sally Hewitt	Amazing sound.	534 HEW
	Sound.	534 SOU 2 copies
Robert W. Wood	Physics for kids.	534 WOO
Isabel Deslauriers	Light & sound.	535 DES 2 copies
Avalyn Wilson McGinley	Light & sound. [Grades 4-6]	535 MCG
Phil M. Parratore	Light & sound: hands-on experiments, interdisciplinary activities.	535 PAR
Clint Twist	Light & sound.	535 TWI
Edward P. Ortleb	Heat, light, and sound 1-3.	536 ORT
Bill Nye	Science of music., The	780 NYE
<i>Class Sets</i>		
Les Asselstine	Science everywhere 4.	CS 500 ASS 31 copies + guide
	Light and sound.	CS 534 LIG 20 copies + guide
	Sound. Grade 4.	CS 534 SOU 60 copies + guide
<i>Videos</i>		
	What is energy?	DVD 333.79 WHA 2 copies
Bill Nye	Waves.	DVD 530 NYE
	All about waves.	DVD 531.113 ALL 2 copies
	All about sound.	DVD 534 ALL
Bill Nye	Sound.	DVD 534 NYE VCR 534 NYE
	Sound.	DVD 534 SOU
	Magic school bus creepy, crawly fun., The	VCR 590 MAG
<i>Kits</i>		
	Sound: grade 4. (6 books)	KIT 534 SOU 2 copies
	Light & sound.	KIT 535 LIG

<i>Theme Kits</i>		
	Physical science, grade 4.	TKT 500.2 PHY 2 copies
<i>Models</i>		
	Human ear model.	MOD 611.85 HUM
Earth & Space Science – Rocks, Minerals and Erosion		
Author	Title	Call Number
<i>Individual Titles</i>		
	Content essentials for science: student handbook.	500 CON
	Content essentials for science: teacher guide.	500 CON
Jennifer E. Lawson	Hands-on science, level four.	500 LAW
	Earth's crust.	551 EAR
Zella Williams	Experiments on rocks and the rock cycle.	552.0078 WIL
<i>Class Sets</i>		
Les Asselstine	Science everywhere 4.	CS 500 ASS 31 copies + guide
<i>Videos</i>		
	Earth science: the basics.	DVD 550 EAR
	All about Earth's history.	DVD 551.1 ALL 3 copies
Bill Nye	Earthquakes.	DVD 551.22 NYE 2 copies
	All about weathering & erosion.	DVD 551.3 ALL 3 copies
Bill Nye	Erosion.	DVD 551.332 NYE
	All about land formations.	DVD 551.41 ALL 2 copies

	All about rocks & minerals.	DVD 552 ALL VCR 552 ALL 2 copies (DVD)
Bill Nye	Earth's crust.	DVD 552 NYE
Bill Nye	Rocks and soil.	DVD 552 NYE
Bill Nye	Fossils.	DVD 560 NYE
Bill Nye	Volcanoes.	DVD 577.54 NYE
	Mosaic potash Esterhazy.	DVD 631.8 MOS
<i>Kits</i>		
	Geology demonstration kit.	KIT 551 GEO
Christine Petersen	Rock on! (6 books)	KIT 551 PET
	Rocks and resources. (4 books)	KIT 551 ROC 2 copies
Nancy Kelly Allen	Rock it! (6books)	KIT 552 ALL
	Earth science: Rocks. (6 books)	KIT 552 EAR
	Rock tumbler.	KIT 552 ROC
<i>Theme Kits</i>		
	Earth science, grade 3.	TKT 550 EAR 2 copies
	Earth science, grade 4.	TKT 550 EAR 2 copies
	Earth science, grade 5.	TKT 550 EAR 2 copies
	How landforms change.	SP 551 HOW
	How landforms change. Supplement.	TKT 551 HOW
	Rocks and minerals.	TKT 552 ROC
<i>Models</i>		
	Ocean floor relief map.	MOD 551.46 OCE
	Metamorphic and igneous rocks collection.	MOD 552 MET
	Rocks and minerals of Canada.	MOD 552 ROC
	Sedimentary rocks and minerals.	MOD 552 SED
	Advanced fossil collection.	MOD 560 ADV
	General fossil collection.	MOD 560 GEN

Enlarge Resources

Ron Cole

Remarkable rocks.

OS 552 COL