

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 7 Science Resources

The following resources are available from the TRC to support the grade 7 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: Interactions within ecosystems).

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 – Interactions within Ecosystems		
Author	Title	Call Number
<i>Individual Titles</i>		
Nicole Gombay	Making a living : place, food, and economy in an Inuit community.	305.897 GOM 2 copies
Judith Anderson	Sustaining the environment.	333.7 AND
	Teaching green, the middle years.	333.7 TEA
Jeanne Nagle	Making good choices about renewable resources.	333.72 NAG
Corona Brezina	Disappearing forests : deforestation, desertification, and drought.	333.75 BRE
George Graybill	Conservation: waterway habitat resources.	333.91 GRA
Jen Green	Sustaining our natural resources.	333.95 GRE
Mark Kurlansky	World without fish : how could we let this happen?	333.95 KUR
Jeanne Nagle	Endangered wildlife : habitats in peril.	333.95 NAG
Adam Winters	Destruction of earth's resources.	338.9 WIN

Laura La Bella	Not enough to drink : pollution, drought, and tainted water supplies.	363.6 LAB
	Essential atlas of ecology.	363.7 ESS
Cheryl Jakab	Protecting natural environments.	363.7 JAK
D.D. Kelly	Radioactive waste : hidden dangers.	363.72 KEL
Stephanie Watson	Making good choices about recycling and reuse.	363.72 WAT
Jen Green	Reducing pollution and waste.	363.73 GRE
John Martins	Ultraviolet danger : holes in the ozone layer.	363.738 MAR
Michael A. Sommers	Antarctic melting : the disappearing Antarctic ice cap.	363.738 SOM 2 copies
Cordelia Strange	Water pollution and health.	363.739 STR
Andrew Langley	Avoiding hunger and finding water.	363.8 LAN
	Saskatchewan science 7.	500 SAS
	Saskatchewan science 7, teacher's resource.	500 SAS
	Planet Earth : an illustrated history.	508 PLA
	Living planet : uncovering the wonders of the natural world.	508.07 LIV 2 copies
Robert Barkman	Science through multiple intelligences.	508.071 BAR
Michael Woods	Seven natural wonders of the Arctic, Antarctica, and the oceans.	508.3162 WOO
	Fragile Earth.	550 FRA
Peter M. Jonker	Sand dunes of Lake Athabasca., The	551.3 JON
Ellen Foxxe	Rising seas., The	551.45 FOX
Frank Spalding	Under a dark cloud : our atmosphere under attack.	551.5 SPA
Stuart Neil Baker	Climate change in the Arctic.	551.69 BAK
Stuart Neil Baker	Tropics., The	551.69 BAK
Stuart Neil Baker	Temperate zones.	551.69 BAK
Stuart Neil Baker	Antarctic., The	551.69 BAK
	Wow! The wonders of wetlands.	553.7 WOW
	Essential atlas of biology.	570 ESS
	Earth matters.	577 EAR 2 copies
	Ecosystems.	577 ECO
	Ecosystems, teacher's resource manual.	577 ECO
	Ecosystems [Grade 7].	577 ECO 2 copies

	Ecosystems [Grade 7], teacher's guide.	577 ECO 2 copies
	Interactions within ecosystems.	577 INT
Angela Wagner	Ecosystems.	577 WAG
Angela Wagner	Ecology & the environment.	577 WAG
Jeri Freedman	Climate change : human effects on the nitrogen cycle.	577.27 FRE
Wayne Lynch	Prairie grasslands.	577.4 LYN
A.D. Tarbox	Prairie food chain., A	577.4 TAR
Ken Carriere	Bulrush helps the pond., The	577.68 CAR
Denise Walker	Adaptation and survival.	578.4 WAL
Heinjo Lahring	Water and wetland plants of the prairie provinces.	581.76 LAH
Bonnie J. Lawrence	Prairie phoenix.	584.3 LAW
	Selected mammals of Saskatchewan.	599.0971 SEL
Dennis Fast	Wapusk : white bear of the North.	599.786 FAS 2 copies
Pete Enzoe	Caribou feed our soul., The	971.9 ENZ
Sheyenne Jumbo	Come and learn with me.	971.9 JUM 2 copies
James Pokiak	Proud to be Inuvialuit : Quviahuktunga Inuvialuugama.	971.9 POK
<i>Class Sets</i>		
Bob Ritter	Interactions within ecosystems.	CS 577 RIT 31 copies + guide
<i>Videos</i>		
Bill Nye	Populations.	DVD 304.6 NYE
	Save my lake.	DVD 333.9163 SAV
Bill Nye	Biodiversity.	DVD 333.95 NYE
	Invasive species.	DVD 333.952 INV
David Suzuki	Visions of the future : volume 1.	DVD 363.7 SUZ
Bill Nye	Pollution solutions.	DVD 363.73 NYE 2 copies
	First scientists.	DVD 509.2 FIR
Bill Nye	Wetlands.	DVD 551.41 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

	Antarctica challenge., The	DVD 551.698 ANT
	Life processes of plants.	DVD 571.32 LIF
	Plant biodiversity.	DVD 571.8 PLA
	Biomes of the world.	DVD 577 BIO
	Ecology series.	DVD+ 577 ECO 4 copies
	Interdependence : biobasics.	DVD 577 INT
Bill Nye	Food web.	DVD 577 NYE 2 copies
	On nature's terms.	DVD 577 ON 4 copies
	Room to roam : people, problems, and natural space.	DVD 577 ROO
	Wild South America : Great Plains.	DVD 577.34 WIL
	Grasslands.	DVD 577.4 GRA
Bill Nye	Deserts.	DVD 577.54 NYE
Bill Nye	Forests.	DVD 577.683 NYE
	Rock platforms: study of an ecosystem.	DVD 577.7 ROC
	Old oak tree., The	DVD 577.85 OLD
	Garden mimics.	DVD 578.4 GAR
	Sap suckering hoppers.	DVD 578.4 SAP
	Ecology : life at the edge of the sea.	DVD 578.77 ECO
	Plants & people: a beneficial relationship.	DVD 581.7 PLA
	Earth.	DVD 591.56 EAR
	Migration.	DVD 591.56 MIG
Bill Nye	Spiders.	DVD 595.4 NYE
	Amphibian extinction.	DVD 597.8 AMP 2 copies
	Polar bear fever.	DVD 599.786 POL
	To bee or not to bee.	DVD 638.14 TO DVD + guide
	Pacific Rim : a park and its people.	DVD 950 PAC
<i>Kits</i>		
Greg Pyers	Biodiversity. (6 books)	KIT 333.95 PYE 2 copies
	World at risk. (6 books)	KIT 363 WOR
	Environmental responsibility. (6 books)	KIT 363.7 ENV
	Protecting the Earth. (8 books)	KIT 363.7 PRO

	Biomes. (4 books)	KIT 577 BIO 3 copies
	Biomes of the world. (6 books)	KIT 577 BIO
Christi Belcourt	Medicines to help us : traditional Metis plant use.	KIT 615.8 BEL 2 copies
<i>Theme Kits</i>		
Greg Pyers	Biodiversity.	TKT 333.95 PYE
	Basic organisms and micro life.	TKT 574 BAS
	Organisms and environments.	SP 574.5 ORG
	Organisms and environments. Supplement.	TKT 574.5 ORG
	Ecosystems.	TKT 577 ECO
	Ecosystem interactions.	TKT 577 ECO
	Interactions within ecosystems.	TKT 577 INT 2 copies
Rebecca L. Johnson	Biomes of North America.	TKT 577 JOH
	Living green.	TKT 577.27 LIV
<i>Oversize Resources</i>		
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
Physical Science – Heat and Temperature		
Author	Title	Call Number
<i>Individual Titles</i>		
	Saskatchewan science 7.	500 SAS
	Saskatchewan science 7, teacher's resource.	500 SAS
Hasan Fakhruddin	Physics demo and hands-on.	530 FAK
	Introducing physics.	530 INT
William C. Robertson	Energy.	531.6 ROB
	Heat [Grade 7].	536 HEA
	Heat [Grade 7], teacher's guide.	536 HEA 2 copies
Robert Gardner	Easy genius science projects with temperature and heat.	536.078 GAR

Patricia D. Morrell	Let's go! Investigating temperature.	536.5 MOR
Joseph Kantrowitz	Discovering thermodynamics.	536.7 KAN
<i>Class Sets</i>		
	Heat.	CS 531 HEA 10 copies + guide
Jenny Karpelenia	Heat.	CS 536 KAR 35 copies
<i>Videos</i>		
	Heat.	DVD 536 HEA
Bill Nye	Heat.	DVD 536 NYE
<i>Oversize Resources</i>		
	Heat. [Poster]	OS 536 HEA
Physical Science – Mixtures and Solutions		
Author	Title	Call Number
<i>Individual Titles</i>		
	Saskatchewan science 7.	500 SAS
	Saskatchewan science 7, teacher's resource.	500 SAS
George Graybill	Properties of matter.	530 GRA
	Mixtures [Grade 7].	530 MIX
	Mixtures [Grade 7], teacher's guide.	530 MIX 2 copies
Edward P. Ortleb	Physical and chemical changes. [Grades 5-9]	530 ORT 3 copies
Rebecca Hunter	Facts about solids, liquids, and gases., The	530.4 HUN
	Pure substances and mixtures, teacher's resource.	541 PUR
Ted Gibb	Solutions. Teacher's resource.	541.34 GIB 2 copies

<i>Videos</i>		
Bill Nye	Phases of matter.	DVD 530 NYE
	Mixtures and solutions.	DVD 540 MIX
<i>Kits</i>		
	Mixtures and solutions kit. (6 books)	KIT 540 MIX
	Mixtures and solutions.	KIT 540 MIX
<i>Literature Sets</i>		
Jenny Karpelenia	Chemistry mixtures and solutions. (6 books)	LIT 540 KAR
Earth & Space Science – Earth’s Crust and Resources		
Author	Title	Call Number
<i>Individual Titles</i>		
Hal Marcovitz	Can renewable energy replace fossil fuels?	333.79 MAR
	Essential atlas of ecology.	363.7 ESS
	Saskatchewan science 7.	500 SAS
	Saskatchewan science 7, teacher’s resource.	500 SAS
	Planet Earth : an illustrated history.	508 PLA
	Fragile Earth: what's happening to our planet?	550 FRA
Robert Dinwiddie	Violent earth.	551 DIN
	Earth’s crust.	551 EAR
	Earth’s crust [Grade 7]., The	551 EAR
	Earth’s crust [Grade 7], teacher’s guide., The	551 EAR
Denise Walker	Geological change.	551 WAL
Alvin Silverstein	Plate tectonics.	551.1 SIL
Donna Donovan-O’Meara	Into the volcano.	551.21 DON 2 copies
Dwight Jon Zimmerman	Day the world exploded., The	551.21 ZIM
Melissa Stewart	Earthquakes and volcanoes.	551.22 STE

Robert Raymond Coenraads	Rocks & fossils : a visual guide.	552. COE
Richard Spilsbury	Pros and cons of water power., The	621.31 SPI
Chris Oxlade	Nuclear power.	621.48 OXL
David M. Baird	Beauty in the rocks : the photography of David M. Baird.	779.092 BAI
Philip Steele	Violent planet.	904 STE
<i>Class Sets</i>		
	Earth's crust., The	CS 551 EAR 30 copies + guide
<i>Videos</i>		
	Nuclear energy: basic version.	DVD 333.792 NUC
	Forces that shaped the Earth.	DVD 550 FOR
	Planet Earth., The	DVD 550 PLA
	Earth : inside and out., The	DVD 551.1 EAR
	Earth in action.	DVD+ 551.1 EAR 4 copies
	Rocks, minerals and soils.	DVD 551.1 ROC 2 copies
Bill Nye	Earthquakes.	DVD 551.22 NYE 2 copies
	Glaciation : ice shapes the land.	DVD 551.31 GLA
Bill Nye	Earth's crust.	DVD 552 NYE
Bill Nye	Rocks and soil.	DVD 552 NYE
	Along the African rift.	DVD 557.1 ALO
	Appalachians., The	DVD 557.1 APP
	Atlantic coast., The	DVD 557.1 ATL
	Canadian shield., The	DVD 557.1 CAN
	Collision zone: Asia., The	DVD 557.1 COL
	Geologic journey: teacher resource guide.	DVD 557.1 GEO
	Geologic journey II: teacher resource guide.	DVD 557.1 GEO
	Great lakes., The	DVD 557.1 GRE
	Pacific rim: Americas., The	DVD 557.1 PAC
	Tectonic Europe.	DVD 557.1 TEC
	Western pacific rim., The	DVD 557.1 WES
Bill Nye	Fossils.	DVD 560 NYE
Bill Nye	Volcanoes.	DVD 577.54 NYE
Bill Nye	Farming.	DVD 630 NYE

	Mosaic potash Esterhazy.	DVD 631.8 MOS
	Geographically speaking: learning geographical terms.	DVD 910 GEO
<i>Kits</i>		
	Development without damage. (5 books)	KIT 333.72 DEV
	Energy resources in Saskatchewan.	KIT 333.94 ENE
	World at risk. (6 books)	KIT 363 WOR
	Changing Earth., The (6 books)	KIT 551 CHA 2 copies
	Geology demonstration kit.	KIT 551 GEO
Terry J. Jennings	Amazing planet Earth. (6 books)	KIT 551 JEN
	Planet Earth. (4 books)	KIT 551 PLA
	Rocks and resources. (4 books)	KIT 551 ROC 2 copies
David Orme	Earth's crust., The (4 books)	KIT 551.5 ORM 2 copies
<i>Theme Kits</i>		
	How landforms change.	SP 551 HOW
	How landforms change. Supplement.	TKT 551 HOW
	Moving crust., The	TKT 551 MOV
	Earthquakes and volcanoes.	TKT 551.2 EAR
	Volcanoes and earthquakes.	TKT 551.2 VOL
	Rocks and minerals.	TKT 552 ROC
	Prince Albert model forest.	TKT 574.5 PRI
<i>Models</i>		
	Ocean floor relief map.	MOD 551.46 OCE
<i>Oversize Resources</i>		
	Natural disasters. [4 teaching posters]	OS 904 NAT 2 copies