

Teachers' Resource Centre

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Grade 5 Science Resources

The following resources are available from the TRC to support the grade 5 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: Human body systems).

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 – Human Body Systems		
Author	Title	Call Number
<i>Individual Titles</i>		
Jennifer E. Lawson	Hands-on science, level five.	500 LAW
Anna Claybourne	Microlife.	579 CLA
Rae Simons	Things you can't see can make you sick.	579 SIM
Anna Claybourne	Usborne complete book of the human body., The	611 CLA 2 copies
	Human body., The	611 HUM 2 copies
Steve Jenkins	Bones.	611 JEN
Susan Lang	Human body.	612 LAN
Andrew Thompson	Fascinating facts about the human body.	612 THO
Carol Ballard	Lungs.	612.2 BAL
Steve Parker	Hormones.	612.4 PAR
Carol Ballard	Ears.	612.8 BAL
Carol Ballard	Eyes.	612.8 BAL
Rae Simons	Pollution can make you sick.	613.1 SIM
Rae Simons	Bugs can make you sick.	614.4 SIM

Rae Simons	Immunizations.	614.4 SIM
Rae Simons	Why can't I breathe? Kids and asthma.	616.2 SIM
Rae Simons	Malnutrition & kids.	616.3 SIM
Rae Simons	Kids & diabetes.	616.4 SIM
Rae Simons	Cancer & kids.	616.99 SIM
<i>Class Sets</i>		
Les Asselstine	Science everywhere 5.	CS 500 ASS 31 copies + guide
<i>Videos</i>		
Bill Nye	Cells.	DVD 571.6 NYE 2 copies
Bill Nye	Blood & circulation.	DVD 573.1 NYE
Bill Nye	Digestion.	DVD 573.3 NYE
Bill Nye	Skin.	DVD 573.5 NYE
Bill Nye	Smell.	DVD 573.877 NYE 2 copies
	Bones of it: an introduction to the skeleton., The	DVD 611 BON
Bill Nye	Heart.	DVD 611.12 NYE
Bill Nye	Respiration.	DVD 611.2 NYE
	Digestive and excretory systems.	DVD 611.3 DIG 2 copies
	Skeletal and muscular systems.	DVD 611.7 SKE 2 copies
Bill Nye	Bones & muscles.	DVD 611.71 NYE 2 copies
Bill Nye	Brain.	DVD 611.81 NYE
	Interrelationship of the body systems.	DVD 612 INT 2 copies
	Circulatory and respiratory systems.	DVD 612.2 CIR 2 copies
	Brain and the nervous system., The	DVD 612.8 BRA 2 copies
Bill Nye	Germ.	DVD 613.01 NYE
Bill Nye	Nutrition.	DVD 613.2 NYE
	Immune system.	DVD 616.07 IMM

<i>Kits</i>		
	Human anatomy. (10 posters)	KIT 611 HUM
	Body systems.	KIT 612 BOD
	Gross body science. (5 books)	KIT 612 GRO 2 copies
	How your body works. (6 books)	KIT 612 HOW 2 copies
	Human body kit.	KIT 612 HUM
Cheryl Jakob	Our body. (6 books)	KIT 612 JAK 2 copies
	My body activity center.	KIT 612 MY
Sarah Tieck	Body systems. (6 books)	KIT 612 TIE
	What's in your food? (4 books)	KIT 612.3 WHA
Vicki Cobb	Body battles. (6 books)	KIT 616.079 COB
<i>Theme Kits</i>		
	Life science, grade 5.	TKT 570 LIF 2 copies
	Human body., The	TKT 612 HUM
	Human body control systems. [Gr. 5]	TKT 612 HUM
	Transport systems.	SP 612 TRA
	Transport systems. Supplement.	TKT 612 TRA
	You and your body.	TKT 612 YOU
	Control systems.	SP 612.8 CON
	Control systems. Supplement.	TKT 612.8 CON
<i>Models</i>		
	Heart model.	MOD 611.12 HEA 3 copies
	Pumping heart model.	MOD 611.12 PUM
	Brain model.	MOD 611.81 BRA 3 copies
	Heart., The	MOD 612 HEA
	Human eye., The	MOD 612 HUM 3 copies
	Skeleton.	MOD 612.7 SKE

<i>Oversize Resources</i>		
	Body systems. (5 charts)	OS 612 BOD
David Drew	Body maps.	OS 612 DRE
David Drew	Body facts.	OS 612 DRE
	Human body., The (7 charts)	OS 612 HUM
	Human body. (Flip charts)	OS 612 HUM
	Human body., The	OS 612 HUM
	Incredible human body flip charts., The	OS 612 INC
<i>Playaway Views</i>		
	Human body., The	PV 612 HUM
Physical Science - Properties and Changes of Materials		
Author	Title	Call Number
Jennifer E. Lawson	Hands-on science, level five.	500 LAW
	Inquiry in action: investigating matter through inquiry.	530 INQ
	Materials in our world.	530 MAT
Edward P. Ortleb	Physical and chemical changes. [Grades 5-9]	530 ORT 3 copies
Ruth M. Young	Matter.	530 YOU
Jacqui Bailey	How can solids be changed?	530.4 BAI
Rebecca Hunter	Facts about solids, liquids and gases., The	530.4 HUN
Zella Williams	Experiments with solids, liquids, and gases.	530.4078 WIL
<i>Class Sets</i>		
Les Asselstine	Science everywhere 5.	CS 500 ASS 31 copies + guide
<i>Videos</i>		
Bill Nye	Phases of matter.	DVD 530 NYE
	Properties of matter.	VCR 530 PRO
Bill Nye	Fluids.	DVD 530.42 NYE
	Changes in properties of matter.	DVD 539.1 CHA
Bill Nye	Chemical reactions.	DVD 541.39 NYE

<i>Kits</i>		
	Chemtastrophe! (6 books)	KIT 540 CHE
	Properties and changes of materials.	KIT 540 PRO
	States of matter. (12 books)	KIT 540 STA
	Why chemistry matters. (6 books)	KIT 540 WHY 2 copies
Chris Oxlade	Working with materials. (4 books)	KIT 620.1 OXL 2 copies
<i>Theme Kits</i>		
	Physical science, grade 4.	TKT 500.2 PHY 2 copies
	Physical science, grade 5.	TKT 500.2 PHY 2 copies
<i>Oversize Resources</i>		
	World of matter., A	OS 530.4 WOR
Physical Science – Forces and Simple Machines		
Author	Title	Call Number
Jennifer E. Lawson	Hands-on science, level five.	500 LAW
Alan Jones	Science: the physical world.	500.2 JON
Roy Purnell	Physical world., The	500.2 PUR
Jo Ann Merrell	Force and motion.	530 MER
Zella Williams	Experiments with physical science.	530.078 WIL
Peter Lafferty	Force and motion.	531 LAF
Darlene Lauw	Motion.	531 LAU
	Putting it in motion.	531 PUT
	Putting it in motion, teacher's guide.	531 PUT
Robert W. Wood	Physics for kids.	531.078 WOO
Kathy Forman-Hitt	Machines.	531.1 FOR
William C. Robertson	Energy.	531.6 ROB
Ed Simpson	Getting started with floating and sinking.	532 SIM
Ed Simpson	Getting started with hydraulics & pneumatics.	532 SIM

Paul Reid	Simple machines.	621.8 REI 2 copies
	Simple machines.	621.8 SIM 2 copies
Dana Rav	Super cool science experiments: levers and pullys.	621.8078 RAV
<i>Class Sets</i>		
Les Asselstine	Science everywhere 5.	CS 500 ASS 31 copies + guide
	Forces on structures. Grade 5.	CS 690 FOR 60 copies + guide
<i>Videos</i>		
Bill Nye	Energy.	DVD 531 NYE
	Rules of motion and forces.	DVD 531 RUL
Bill Nye	Pressure.	DVD 531.1 NYE
	All about simple machines.	DVD 531.11 ALL
Bill Nye	Motion.	DVD 531.11 NYE
	Trajectory.	DVD 531.11 TRA
	All about forces & gravity.	DVD 531.113 ALL
Bill Nye	Friction.	DVD 531.113 NYE VCR 531.113 NYE
Bill Nye	Balance.	DVD 531.14 NYE
Bill Nye	Gravity.	DVD 531.6 NYE
Bill Nye	Momentum.	DVD 531.6 NYE
	Magnetism.	DVD 538 MAG
Bill Nye	Magnetism.	DVD 538 NYE 2 copies
	Levers and pulleys.	DVD 621.8 LEV
Bill Nye	Simple machines.	DVD 621.8 NYE
<i>Kits</i>		
	Forces. (7 books)	KIT 531 FOR 2 copies
Dean F. Knight	Levitation.	KIT 538 KNI
	Magnetic field demonstrators.	KIT 538 MAG
	Block magnets.	KIT 538.4 BLO
David Armentrout	Simple machines. (6 books)	KIT 621.8 ARM
Valerie Bodden	Simple machines at work. (6 books)	KIT 621.8 BOD

Chris Oxlade	Simple machines. (5 books)	KIT 621.8 OXL 2 copies
	Pulleys in motion.	KIT 621.8 PUL
	Simple machines. (6 books)	KIT 621.8 SIM
	Simple machines : Hands-on activities for grades 4-6.	KIT 621.8 SIM
	Simple machines kit.	KIT 621.8 SIM
<i>Theme Kits</i>		
	Physical science, grade 4.	TKT 500.2 PHY 2 copies
	Physical science, grade 5.	TKT 500.2 PHY 2 copies
Nancy Moore	Gear box., The	TKT 513.2 MOO
	Force and motion.	TKT 531.113 FOR
	Using force and motion.	TKT 531.113 USI
	Forces and simple machines.	TKT 531.6 FOR
	Simple machines.	TKT 621.8 SIM
<i>Models</i>		
	Wind vane.	MOD 551.63 WIN
	Inclined plane., The	MOD 621.8 INC
<i>Oversize Resources</i>		
Lisa Trumbauer	Forces and motion.	OS 531.113 TRU 2 copies
	Simple machines. (6 posters)	OS 621.8 SIM
Earth & Space Science - Weather		
Author	Title	Call Number
<i>Individual Titles</i>		
Cheryl Jakab	Global warming.	363.738 JAK
Chris Oxlade	Climate change.	363.738 OXL
Jennifer E. Lawson	Hands-on science, level five.	500 LAW
Valerie Bodden	Northern lights.	538.768 BOD 2 copies
	Weather.	551.5 WEA 2 copies

Robert Gardner	Easy genius science projects with weather.	551.5078 GAR
	Nature scope: wild about weather.	551.6 NAT
William C. Robertson	Air, water, and weather.	551.6 ROB
Chris St. Clair	Canada's weather.	551.6571 ST 2 copies
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
	Earth matters.	577 EAR 2 copies
<i>Class Sets</i>		
Les Asselstine	Science everywhere 5.	CS 500 ASS 31 copies + guide
	Weather. Grade 5.	CS 551.6 WEA 60 copies + guide
<i>Videos</i>		
Bill Nye	Water cycle.	DVD 363.61 NYE
	Water & weather. / Ecosystems & environment.	DVD 500 WAT
Bill Nye	Earth's seasons.	DVD 550 NYE 2 copies
Bill Nye	Atmosphere.	DVD 551.5 NYE
Bill Nye	Storms.	DVD 551.5 NYE 2 copies
Bill Nye	Wind.	DVD 551.518 NYE
Bill Nye	Climates.	DVD 551.6 NYE
<i>Kits</i>		
Paul Fleisher	Weather wise. (4 books)	KIT 551 FLE 3 copies
	Stormy weather. (9 books)	KIT 551.6 STO
	Weather & climate, grade 5. (10 books)	KIT 551.6 WEA
	Weather : Hands-on activities for grades 4-6.	KIT 551.6 WEA

<i>Theme Kits</i>		
	Earth science, grade 4.	TKT 550 EAR 2 copies
	Earth science, grade 5.	TKT 550 EAR 2 copies
<i>Models</i>		
	Weather station.	MOD 551.63 WEA
	Wind vane.	MOD 551.63 WIN
<i>Oversize Resources</i>		
	Weather. [4 teaching posters]	OS 551.6 WEA 2 copies