

## Teachers' Resource Centre

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### Grade 3 Science Resources

The following resources are available from the TRC to support the grade 3 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: Exploring soils).

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.

<b>Life Science – Plant Growth and Changes</b>		
<b>Author</b>	<b>Title</b>	<b>Call Number</b>
<i>Individual Titles</i>		
Dawn Casey	Barefoot book of earth tales., The	398.2 CAS <b>2 copies</b>
	Content essentials for science : Student handbook.	500 CON
	Content essentials for science: Teacher guide.	500 CON
Jennifer E. Lawson	Hands-on science, level three.	500 LAW
	Growth and changes in plants.	581 GRO <b>2 copies</b>
Diane Schlichting	Growth & changes in plants, grades 2-3.	581 SCH <b>2 copies</b>
Deborah Hodge	Up we grow!	630 HOD
<i>Class Sets</i>		
Les Asselstine	Science everywhere 3.	CS 500 ASS <b>31 copies + guide</b>

	Plants.	CS 580 PLA <b>10 copies</b>
<b>Videos</b>		
	Life processes of plants.	DVD 571.32 LIF
	All about caring for plants.	DVD 580 ALL
	All about plant & animal interdependency.	DVD 580 ALL
Bill Nye	Plants.	DVD 580 NYE
Bill Nye	Flowers.	DVD 582.13 NYE
<b>Kits</b>		
Susan Blackaby	Growing things. (6 books)	KIT 575 BLA
Frank Serafini	Looking closely. (5 books)	KIT 578.7 SER <b>2 copies</b>
Nicola Edwards	See how plants grow. (6 books)	KIT 580 EDW
Margee Gould	Strangest plants on Earth. (4 books)	KIT 580 GOU
	Plant growth and changes. (8 books)	KIT 580 PLA <b>3 copies</b>
<b>Theme Kits</b>		
	Life science, grade 3.	TKT 570 LIF <b>2 copies</b>
Linda Cameron	Seed is a promise., A	TKT 574.3 CAM
	Life processes.	SP 577 LIF
	Life processes. Supplement	TKT 577 LIF
	Plant growth.	TKT 580 PLA
	Plant growth and changes.	TKT 580 PLA
	Wonderful world of plants.	TKT 581 WON <b>2 copies</b>
	Flowers and fruit.	TKT 582 FLO
	Life of plants., The	TKT 582 LIF
<b>Oversize Resources</b>		
Lois Ehlert	Red leaf, yellow leaf.	OS 582.16 EHL
Katherine Ayres	Up, down, and around.	OS E AYR
<b>Playaway Views</b>		
	Plants: what they are and where they live.	PV 580 PLA

<b>Physical Science – Structures and Materials</b>		
<b>Author</b>	<b>Title</b>	<b>Call Number</b>
<i><b>Individual Titles</b></i>		
Jennifer E. Lawson	Hands-on science, level three.	500 LAW
Penny Ann Lane	First shapes in building.	720 LAN
	Materials and structures.	720 MAT <b>2 copies</b>
<i><b>Class Sets</b></i>		
Les Asselstine	Science everywhere 3.	CS 500 ASS <b>31 copies + guide</b>
<i><b>Videos</b></i>		
	Building structures with young children.	DVD 624 BUI
Bill Nye	Structure.	DVD 624.1 NYE
<i><b>Kits</b></i>		
	Materials and structures. (7 books)	KIT 620.1 MAT
Chris Oxlade	Working with materials. (4 books)	KIT 620.1 OXL <b>2 copies</b>
Dana Meachen Rau	Use it! (5 books)	KIT 620.1 RAU
	Structures and materials. (7 books)	KIT 620.1 STR
	How did they build that? (8 books)	KIT 624 HOW
<i><b>Theme Kits</b></i>		
Bob Ansell	Polydron bridges kit.	TKT 624.25 ANS
<i><b>Oversize Resources</b></i>		
	All kinds of change.	OS 500.2 ALL

<b>Physical Science – Magnetism and Static Electricity</b>		
<b>Author</b>	<b>Title</b>	<b>Call Number</b>
<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 three.	500 LAW
Sandra Appleby	Force and motion, grades 1-3.	530 APP <b>2 copies</b>
Kathy Forman-Hitt	Machines.	531.1 FOR
Harry Gilbert	Gravity: the glue of the universe.	531.14 GIL
Simon DePinna	Forces and motion.	531.6 DEP
	Forces and movement.	531.6 FOR <b>2 copies</b>
Ed Simpson	Getting started with floating and sinking.	532 SIM
Jack Challoner	My first batteries & magnets book.	537.078 CHA
Jane A. Feiler	Magnets...A world to discover! Level I.	538 FEI
Jane A. Feiler	Magnets...A world to discover! Level II.	538 FEI
Jane A. Feiler	Magnets...A world to discover! Level III.	538 FEI
	Magnetism and static electricity.	538 MAG <b>2 copies</b>
Elizabeth Raum	What's the attraction?	538 RAU
Ed Simpson	Getting started with magnetism.	538 SIM
Glen Vecchione	Magnet science.	538 VEC
John Woodruff	Magnetism.	538 WOO
Christine Taylor-Butler	Super cool science experiments: Magnets.	538.078 TAY
Demetra Georgopoulos	Magnetic & charged materials, grades 2-3.	538.4 GEO <b>3 copies</b>
Melanie Komar	Magnets (Grades 3-5).	538.4 KOM
Karen Lee Siepak	Magnets & electricity.	538.4 SIE

<i>Class Sets</i>		
	Magnetism. Grade 3.	CS 538 MAG <b>60 copies + guide</b>
<i>Videos</i>		
	What is energy?	DVD 333.79 WHA <b>2 copies</b>
	Rules of motion and forces.	DVD 531 RUL
	All about motion & balance.	DVD 531.11 ALL
	All about simple machines.	DVD 531.11 ALL
	All about forces & gravity.	DVD 531.113 ALL
Bill Nye	Friction.	DVD 531.113 NYE VCR 531.113 NYE
	All about magnets.	DVD 538.4 ALL <b>2 copies</b>
<i>Kits</i>		
	Economy magnet kit.	KIT 538 ECO
	Invisible forces. (6 books)	KIT 538 INV
Dean F. Knight	Levitation.	KIT 538 KNI
	Magnetism and static electricity. (7 books)	KIT 538 MAG
	Magnetic field demonstrators.	KIT 538 MAG
	Magnets and magnetism investigation.	KIT 538 MAG
	Block magnets.	KIT 538.4 BLO
	Magnets: magnetic wand activity kit.	KIT 538.4 MAG
	Magnets: horseshoe set.	KIT 538.4 MAG
Chris Oxlade	Simple machines. (5 books)	KIT 621.8 OXL <b>2 copies</b>
<i>Theme Kits</i>		
	Physical science, grade 3.	TKT 500.2 PHY <b>2 copies</b>
	Marvelous magnets.	TKT 538.4 MAR
<i>Models</i>		
	Mysterious magnet tube.	MOD 538.4 MYS

<i>Oversize Resources</i>		
Mark Ramirez	Force and motion.	OS 531.113 RAM
Lisa Trumbauer	Forces and motion.	OS 531.113 TRU <b>2 copies</b>
David Drew	What should I use?	OS 621.8 DRE
	Simple machines.	OS 621.8 SIM
<b>Earth &amp; Space Science – Exploring Soils</b>		
<b>Author</b>	<b>Title</b>	<b>Call Number</b>
<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 three.	500 LAW
	Earth’s composition., The	550 EAR
	Soils in the environment.	552 SOI
	Earth matters.	577 EAR <b>2 copies</b>
Christine Taylor-Butler	Experiments with soil.	631 TAY
Paulette Bourgeois	Dirt on dirt., The	631.4 BOU
Rachel M. Chappell	So what about soil?	631.4 CHA
Ed Simpson	Discover soils in your environment.	631.4 SIM
Melissa Stewart	Soil.	631.4 STE
Vicky Franchino	Junior scientists experiment with soil.	631.4078 FRA
Vicky Franchino	Super cool science experiments: Soil.	631.4078 FRA
<i>Class Sets</i>		
Les Asselstine	Science everywhere 3.	CS 500 ASS <b>31 copies + guide</b>
	Soils.	CS 578.75 SOI <b>10 copies + guide</b>
	Soil. Grade 3.	CS 631.4 SOI <b>61 copies + guide</b>
<i>Videos</i>		

Bill Nye	Earth structure and processes.	DVD 500 NYE
Bill Nye	Erosion.	DVD 551.332 NYE
Bill Nye	Earth's crust / Rocks and soil.	VCR 552 NYE
Bill Nye	Rocks and soil.	DVD 552 NYE
Bill Nye	Farming.	DVD 630 NYE
	All about soil.	DVD 631.4 ALL <b>2 copies</b>
	Getting to know soil.	DVD 631.4 GET
<b><i>Kits</i></b>		
	Everybody digs soil. (4 books)	KIT 631.4 EVE <b>3 copies</b>
<b><i>Theme Kits</i></b>		
	Earth science, grade 3.	TKT 550 EAR <b>2 copies</b>
	Rocks and soil.	SP 552 ROC
	Dry as a desert.	TKT 577.54 DRY
	Exploring soils.	TKT 631.4 EXP