

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 9 Science Resources

The following resources are available from the TRC to support the grade 9 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: Atoms and elements).

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 – Reproduction and Human Development | | |
|--|--|------------------------------|
| Author | Title | Call Number |
| <i>Individual Titles</i> | | |
| Desmond Morris | Amazing baby. | 305.232 MOR |
| | Nelson science 9 : concepts and connections. | 500 NEL 3 copies |
| | Nelson science 9 : concepts and connections, teacher's resource. | 500 NEL |
| | Nelson science 9 : concepts and connections, student record of learning. | 500 NEL |
| | Sciencepower 9. | 500 SCI 2 copies |
| | Sciencepower 9, teacher's resource binder. | 500 SCI |
| | Essential atlas of biology. | 570 ESS |
| Jenny Vaughan | Who discovered DNA? | 572.86 VAU |
| Bernice Zeldin Schacter | Genetics in the news. | 576.5 SCH |
| Jenny Vaughan | Genetics. | 576.5 VAU 2 copies |
| Linley Erin Hall | DNA and RNA. | 611 HAL |

| | | |
|----------------------|---|----------------------------------|
| | Body systems: reproduction, growth and change. | 612 BOD |
| Susan Lang | Human body. | 612 LAN |
| Denise Walker | Cells and life processes. | 612 WAL |
| Richard Walker | Firefly guide to the human body. | 612 WAL 3 copies |
| Denise Walker | Body systems. | 612.3 WAL |
| Michael R. Wilson | Endocrine system., The | 612.4 WIL |
| Faith Hickman Brynie | 101 questions about reproduction: | 612.6 BRY |
| Robie H. Harris | It's so amazing : | 612.6 HAR 2 copies |
| Steve Parker | Reproductive system., The | 612.6 PAR |
| Steve Parker | Reproduction. | 612.6 PAR 3 copies |
| | Reproduction and genetics. | 612.6 REP |
| Gail Saltz | Changing you : a guide to body changes and sexuality. | 612.6 SAL |
| Steve Parker | Spinal cord and nerves. | 612.8 PAR |
| Michael Hilborn | Health. | 613 HIL |
| Ted Temertzoglou | Healthy active living : keep fit, stay healthy, have fun. | 613 TEM |
| | Beyond the basics: a sourcebook on sexual and reproductive health education. | 613.951 BEY |
| | Choices and changes : a sexual health education program about healthy living. | 613.951 CHO 2 copies |
| Hal Marcovitz | Stem cell research. | 616.027 MAR |
| Kathryn H. Hollen | Reproductive system., The | 618 HOL 2 copies |
| Kristi Lew | Egg donation : the reasons and the risks. | 618.1 LEW |
| Jenny Vaughan | Making new life. | 618.178 VAU 2 copies |
| Michael R. Wilson | Fertility. | 618.178 WIL |
| Charles George | Biotech research. | 660.6 GEO |
| Videos | | |
| Bill Nye | Reproduction and heredity. | DVD 500 NYE 2 copies |
| | Life processes of plants. | DVD 571.32 LIF |
| Bill Nye | Cells. | DVD 571.6 NYE 2 copies |
| | Microscopes & mutants. | DVD 571.84 MIC |

| | | |
|--------------------------|--|--|
| | Mitosis. | DVD 571.844 MIT |
| | DNA obsession., The | DVD 572.86 DNA |
| | Some new tricks with DNA. | DVD 572.86 SOM |
| | Gene machine., The | DVD 576.5 GEN |
| | Genes and heredity. | DVD 576.5 GEN 2 copies |
| | Genetics series. [4 programs] | DVD+ 576.5 GEN 4 copies |
| | Genetics series: Fundamentals of genetics. | DVD 576.5 GEN 2 copies + guide |
| | Genetics series: Genetics in action. | DVD 576.5 GEN 2 copies + guide |
| | Genetics series: Genetics in our lives. | DVD 576.5 GEN 2 copies + guide |
| | Genetics series: Heredity. | DVD 576.5 GEN 2 copies + guide |
| | Making better babies: genetics and reproduction. | DVD 576.5 MAK DVD + guide |
| | Meiosis, sexual reproduction, and genetic variability. | DVD 576.5 MEI |
| | Peas in a pod. | DVD 576.5 PEA |
| | Reading the book of life. | DVD 576.5 REA |
| | Understanding the book of life. | DVD 599.935 UND |
| | Reproductive and endocrine systems. | DVD 612 REP 2 copies |
| Bill Nye | Genetic diversity. | DVD 612.6 NYE |
| | Reproductive system., The | DVD 612.6 REP |
| | Science of babies. | DVD 612.65 SCI |
| Bill Nye | Genes. | DVD 614.1 NYE |
| | Immune system. | DVD 616.07 IMM |
| | Prenatal development: a life in the making. | DVD 618.2 PRE 2 copies |
| <i>Kits</i> | | |
| | Let's relate to genetics. (6 books) | KIT 576 LET |
| | Understanding genetics. (5 books) | KIT 576.5 UND |
| <i>Theme Kits</i> | | |
| | Diseases explained. | TKT 571.9 DIS |
| | Life processes. | SP 577 LIF |
| | Life processes. Supplement. | TKT 577 LIF |
| | Human development. | SP 612.6 HUM |

| | | |
|--|--|--------------------------------|
| | Human development. Supplement. | TKT 612.6 HUM |
| <i>Oversize Resources</i> | | |
| | Genetics & heredity. [Flip charts] | OS 576.5 GEN |
| | Growing up. | OS 612 GRO |
| | Hormones. | OS 612 HOR |
| | Life before birth. | OS 618.2 LIF |
| Physical Science – Atoms and Elements | | |
| Author | Title | Call Number |
| <i>Individual Titles</i> | | |
| Colin A. Ronan | Science explained. | 500 RON |
| George Graybill | Nature of matter., The | 530 GRA |
| Anna Claybourne | Who split the atom? | 539 CLA |
| Philip Ball | Elements : a very short introduction. | 546 BAL 2 copies |
| Ron Miller | Elements : what you really want to know. | 546 MIL |
| Julie McDowell | Metals. | 546.3 MCD |
| Nigel Saunders | Who invented the periodic table? | 546.8 SAU |
| <i>Videos</i> | | |
| | Holding electrons. | DVD 539.7 HOL |
| Bill Nye | Atoms. | DVD 539.7 NYE |
| | Investigating chemical properties. | DVD 540 INV 2 copies |
| | Using the periodic table. | DVD 546.8 USI |
| <i>Kits</i> | | |
| | Introducing chemistry. (5 books) | KIT 540 INT |
| Denise Walker | Core chemistry. (6 books) | KIT 541 WAL |
| | Atoms and elements. (6 books) | KIT 541 ATO |
| | Elements of the periodic table. (12 books) | KIT 546.8 ELE |

| <i>Theme Kits</i> | | |
|--|--|------------------------------------|
| | Exploring atoms and elements. | TKT 541 EXP |
| | Elements of the periodic table. | TKT 546.8 ELE |
| Physical Science – Characteristics of Electricity | | |
| Author | Title | Call Number |
| <i>Individual Titles</i> | | |
| Jerry Silver | 125 physics projects for the evil genius. | 530.078 SIL |
| | Introducing physics : electricity and electronics. | 537 INT |
| William C. Robertson | Electricity and magnetism. | 537.07 ROB 2 copies |
| <i>Videos</i> | | |
| | Nuclear energy: basic version. | DVD 333.792 NUC |
| | Understanding electricity. | DVD 333.793 UND 2 copies |
| | Mythbusters: electricity. | DVD 537 MYT |
| | Holding electrons. | DVD 539.7 HOL |
| | Wet cells, dry cells, fuel cells. | DVD 541.37 WET |
| <i>Kits</i> | | |
| Neil Morris | Energy now and in the future. (8 books) | KIT 333 MOR |
| | Snap circuits : Have fun learning all about electronics. | KIT 537 SNA |
| | Electrical circuits kit. | KIT 621.319 ELE |
| <i>Theme Kits</i> | | |
| | Battery eliminators. | TKT 537 BAT |
| | Multimeters. | TKT 537 MUL |
| | Using electricity. | TKT 537 USI |
| | Van de Graaff generator. | TKT 537 VAN |

Earth & Space Science – Exploring Our Universe

| Author | Title | Call Number |
|--------------------------|--|---------------------------------|
| <i>Individual Titles</i> | | |
| Colin A. Ronan | Science explained. | 500 RON |
| Brian Jones | Practical astronomer., The | 520 JON |
| C.R. Kitchin | Telescopes and techniques. | 520 KIT |
| Melanie Melton Knocke | From blue moons to black holes : a basic guide to astronomy, outer space, and space exploration. | 520 KNO |
| Kristen Lippincott | Astronomy. | 520 LIP |
| Alvin Silverstein | Universe., The | 520 SIL |
| Terence Dickinson | Nightwatch: a practical guide to viewing the universe. | 523 DIC |
| Mark A. Garlick | Atlas of the universe. | 523.1 GAR |
| Charlene Homer | Galaxies & the universe. | 523.1 HOM |
| Giles Sparrow | Probing deep space. | 523.1 SPA |
| Mary Kay Carson | Exploring the solar system. | 523.2 CAR |
| Dava Sobel | Planets., The | 523.2 SOB |
| Giles Sparrow | Planets and moons. | 523.4 SPA |
| Ellen B. Jackson | Mysterious universe., The | 523.8 JAC |
| Giles Sparrow | Stars and galaxies. | 523.8 SPA |
| David Jefferis | Race into space. | 629 JEF |
| Hazel Richardson | How to...build a time machine. | 629.046 RIC |
| Chris Gainor | Canada in space. | 629.4 GAI |
| Charlene Homer | Space travel & technology. | 629.4 HOM |
| Lonnie Jones Schorer | Kids to space : a space traveler's guide. | 629.4 SCH |
| | Space exploration. | 629.4 SPA |
| Gloria Skurzynski | This is rocket science. | 629.4092 SKU 2 copies |
| Carole Stott | Space exploration. | 629.41 STO |
| | Amazing International Space Station., The | 629.44 AMA 2 copies |
| David Jefferis | Flight into orbit. | 629.45 JEF |
| Catherine Thimmesh | Team Moon : how 400,000 people landed Apollo 11 on the moon. | 629.45 THI 2 copies |
| <i>Videos</i> | | |
| Bill Nye | Astronomy. | DVD 520 NYE |

| | | |
|---|--|--|
| | 400 years of the telescope : a journey of science, technology and thought. | DVD 522.2 FOU |
| | Big band and the expanding universe., The | DVD 523.1 BIG 2 copies + guide |
| | Black holes and dark matter. | DVD 523.1 BLA 2 copies + guide |
| | Exploration: space stations. | DVD 523.1 EXP DVD + guide |
| | Invisible astronomy. | DVD 523.1 INV 2 copies + guide |
| | Measuring outer space. | DVD 523.1 MEA 2 copies + guide |
| | Milky way galaxy., The | DVD 523.1 MIL 2 copies + guide |
| | Telescopes. | DVD 523.1 TEL 2 copies + guide |
| | Universe and it's future., The | DVD 523.1 UNI 2 copies + guide |
| | Universe: the vast reaches of space., The | DVD 523.1 UNI |
| | Discover magazine : the solar system. | DVD 523.2 DIS |
| | Welcome to Mars. | DVD 523.43 WEL |
| | Exploration : a history of space flight. | DVD 629.4 EXP 2 copies + guide |
| | Exploration : astrobiology. | DVD 629.4 EXP 2 copies + guide |
| | Exploration : observing the night sky. | DVD 629.4 EXP 2 copies + guide |
| | Exploration : satellites – our eyes in the sky. | DVD 629.4 EXP 2 copies + guide |
| | Exploration : space stations. | DVD 629.4 EXP |
| | Exploration : the history of astronomy. | DVD 629.4 EXP 2 copies + guide |
| Bill Nye | Space exploration. | DVD 629.4 NYE |
| | Roving Mars. | DVD 629.4 ROV |
| <i>High Interest, Low Vocabulary</i> | | |
| | Beyond the moon. | HL 520 BEY 7 copies + guide |

| | | |
|--------------------------|----------------------------------|--------------------------------|
| <i>Kits</i> | | |
| | Earth and space. (6 books) | KIT 523 EAR 2 copies |
| <i>Theme Kits</i> | | |
| | Explore the universe. | TKT 523.1 EXP |
| | Earth and space. | TKT 550 EAR |
| <i>Models</i> | | |
| | Space theater planetarium. | MOD 520.74 SPA |
| | Star theater : home planetarium. | MOD 520.74 STA |