Big Idea *Water is essential to all living things, and it cycles through the environment.*

|  |  |
| --- | --- |
| **Science 2 - Water DLRC Resources February 2019** | |
|  | |
| 532.25 FLO | Floating and sinking [kit]. [Burnaby, B.C.: assembled by Burnaby School District], 2012. Kit includes the following titles: Water & floating / David Evans and Claudette Williams -- Why does it float? / Judith and Garfield Reeves-Stevens -- Floating and sinking / Kay Davies and Wendy Oldfield -- What floats? What sinks? : a look at density / Jennifer Boothroyd. Teacher's guide: Elementary science program kindergarten or grade 1: water play / Delta Elementary Science Programme. Grades: K 1 2 3. This kit includes books and materials to support a primary science unit that investigates the concepts of floating and sinking. |
| 546.22 EXP | Experiments with water [kit]. [Burnaby, B.C.] : assembled by Burnaby School District, 2016. Kit contains the following titles: The science book of water / Neil Ardley -- The amazing water book / Deborah Seed -- Water : simple experiments for young scientists / Larry White -- H2O science : science lessons and experiments using water / Jean Stangl -- Experiment with water / Bryan Murphy -- A drop of water : a book of science and wonder / Walter Wick. Grades: 2 3 4. The books in this kit provide fun and interesting experiments that show students the properties and uses of water. |
| 551.4 WAT | Water in our world [kit]. [Burnaby, B.C.] : assembled by Burnaby School District, 2012. Kit contains the following titles: Getting the water we need / Fred & Jeanne Biddulph -- All about water / Melvin Berger -- Why are there waves? : questions children ask about water/ Christopher Maynard -- Water / PM Valat -- What about? Water / Andrew Charman -- Water's way / Lisa Wesberg Peters -- The magic school bus at the waterworks / Joanna Cole -- Waters / Edith Newlin Chase, Ron Broda -- Water dance / Thomas Locker -- Flo & Eddy's water adventure / Lori Nunn -- Air and water: teacher's guide -- It could still be water / Allan Fowler -- Water is water / Miranda Paul -- All the water in the world / George Ella Lyon and Katherine Tillotson -- Why do we need water? / Kelley MacAulay -- The flow of water / Da-jeong Yu -- Why do puddles disappear? : noticing forms of water / Martha E. H. Rustad -- The adventures of water. Poster: Flo & Eddy's water adventure: the water cycle. Grades: 1 2 3. A collection of non-fiction, creative non-fiction, and some fiction books on the origins, characteristics, and uses of water. |
| 551.48 FLO | The flow of water [kit]. [Burnaby, B.C.] : assembled by Burnaby School District, 2017. Kit contains the following titles: Saving water / Rebecca Olien -- Cleaning water / Rebecca Olien -- The water cycle at work / Rebecca Olien -- Water sources / Rebecca Olien -- The flow of water / Da-jeong Yu -- Water is water : a book about the water cycle / Miranda Paul -- All the water in the world / George Ella Lyon -- Rivers of sunlight : how the sun moves water around the Earth / Molly Bang & Penny Chisholm -- Down comes the rain / Franklyn M. Branley -- Water cycle / Malcolm Rose -- From river to raindrop : the water cycle / Emma Carlson Berne. Grades: 1 2 3. A collection of non-fiction, creative non-fiction, and some fiction books on the origins, characteristics, and uses of water. |
| 551.48 OUR | Our blue planet [kit]. [Burnaby, B.C.] : assembled by Burnaby School District, 2017. This kit contains the following titles: Earth's landforms and bodies of water / Natalie Hyde -- All the water in the world / George Ella Lyon. Includes a portion of the teacher's guide Picture-perfect STEM lessons, K-2: using children's books to inspire STEM learning / Emily Morgan and Karen Ansberry. Grades: K 1 2. Picture-perfect science integrates reading comprehension and content knowledge in different areas of science. This program uses picture books and activities to reinforce the concepts of inquiry-based learning for students and teachers. In this unit, "students identify where both liquid and solid water (ice) are found on Earth."--Page 289 of teacher's guide. |
| 551.48 WAT | Water for life [kit]. (Series: Little books, big ideas) [Burnaby, B.C.] : assembled by Burnaby School District, 2018.  Kit contains the following 11 titles: Oceans, seas, and coasts / Jan Anderson -- Waterfalls, glaciers, and avalanches / Jan Anderson -- Water can change / Brian Birchall -- Where does the water go? / Mario Lucca -- Ice / Belle Perez -- Where do the puddles go? / David Tunkin -- Living things need water / Sharon Street -- Forces of nature -- At home in the ocean / Chris Layne -- Science at the sandy shore / Kate Boehm Jerome -- Life in the ocean / George Huxley. Grades: K 1 2 3. The books in this kit introduce big ideas using simple text and evocative illustrations. Students will understand concepts including the various forms water takes, how it transforms, and its importance to life on Earth. |
| 553.7 FRO | From river to raindrop [kit]: the science of water. [Burnaby, B.C.] : assembled by Burnaby School District, 2018. Kit contains the following titles: From river to raindrop : the water cycle / Emma Carlson Berne -- Living things need water / Bobbie Kalman -- One drop of water and a million more / Pauline Cartwright -- Why do we need water? / Kelley MacAulay -- Water / Harriet Brundle -- All the water in the world / George Ella Lyon -- Water can be... / Laura Purdie Salas -- Water is water / Miranda Paul -- The simple science of water / Emily James -- Next time you see a cloud / Emily Morgan -- Water cycle / Malcolm Rose. Grades: 2 3. The books in this kit explore aspects of water, including the water cycle, and its importance to people and the planet. |
| 553.7 WAT | Water [kit]. [Burnaby, BC: assembled by Burnaby School District], 2011. This kit contains the following titles: The magic school bus: wet all over: a book about the water cycle / by Joanna Cole (1 copy) -- I am water / by Jean Marzallo (1 copy) -- The magic school bus at the waterworks / Joanna Cole (1 copy) -- Waters / Edith Newlin Chase; Ron Broda (1 copy) -- Splish splash splosh ! / by Mick Manning and Brita Granström (1 copy) -- Water / Frank Asch (1 copy) -- The wonder of a waterfall / by Allan Fowler (1 copy) -- Where do puddles go? / by Fay Robinson (1 copy) -- It could still be water / by Allan Fowler (1 copy) -- The Earth is mostly ocean / by Allan Fowler (1 copy) -- Water / Isabella Jose (6 copies) -- Discover the wonders of water / Harold Silvani (1 copy). Grade: 2. This kit provides a variety of information about water and supports the grade 2 Earth and Space Science strand. |
| 553.7 WAW | Water works! inquiry unit, grade 2 [kit]. [Markham, Ont.] : Scholastic Canada Ltd., c2015. Kit contains the following student book: Explore! magazine: water. Teacher's guides: Water works! inquiry unit guide, grade 2 -- Inquiry tools, grade 2. Grades: 2. "The Water works! unit is an inquiry into the preservation and conservation of a finite resource--water. In this unit, students come to understand that water is essential to life, and is a limited resource for many people."--Unit guide page 3. |
| 808.042 NEL 2AI | Nelson literacy. 2, Air and water [kit]. Toronto: Nelson Education, c2010. This kit contains the following titles: Mattland / story by Hazel Hutchins and Gail Herbert -- Up, up, and away / by Annie Brown (6 copies) -- Hang on! / by Adam Shaw (6 copies) -- Wind farms / by Dawn McMilan (6 copies) -- Oil and the oceans / by Jamie Herbert (6 copies) -- Air and water / Miriam P. Trehearne, Jennette MacKenzie (24 copies). Audio CD: Nelson literacy 2 audio CD: air and water. CD-ROM: Nelson Literacy 2 : air and water : read-aloud, shared reading, and modelling selections CD-ROM. Teacher's guides: Air and water : [teacher's resource] / Miriam P. Trehearne, Jennette MacKenzie -- Air and water : guided and independent reading kit / Miriam P. Trehearne, Jennette MacKenzie -- Air and water : read-aloud, shared reading, and modelling selections / Miriam P. Trehearne, Jennette MacKenzie. Grades: 2. This unit provides opportunities for students to develop language skills in all strands while working in the content area of science. A variety of informational texts explore the properties, forms, and importance of air and water to people, plants, and animals. |
| BB 628.1 COL | Cole, Joanna. The magic school bus at the waterworks: [oversize]. New York: Scholastic, c1986. Ms. Frizzle, a classroom teacher, takes her students on a field trip to a water purification plant. They travel there on a magic bus which allows them to become an integral part of the water cycle and the process of water purification. |
| DVD 551.48 WAC | The water cycle [videorecording]. (Series: Weather wise. Part 1) [Woodstock, Ont.]: Canadian Learning Company, 1980.  Grades: 1 2 3. Develops concepts of evaporation, condensation and precipitation. Presents students with questions for consideration, as well as observations of nature. |
| DVD 551.48 WAT | Water cycle [videorecording]. Classroom ed. Elk Grove Village, IL: Disney Educational Productions;, 2008. Hosted by Bill Nye. Grades: 4 5 6 7. Did you know that most of the water on the planet is the same water that's been here since the Earth formed? Bill uses a whimsical model to demonstrate the phases of the water cycle: evaporation, condensation, precipitation, and collection. |
| DVD 553.7 INV | Investigating water [videorecording]. Orangeville, Ont.: distributed by McIntyre Media Inc., 2012. Introduction -- Where is water? -- Forms of water -- Using water -- Video review -- Video quiz. Narrator, Nina Keck. Grades: K 1 2 3. "Every day we use water. We drink water, use it to cook our food, and we use it to wash things. This video takes a look at the many important uses of water while exploring its basic characteristics."--Container. |
| ELL 551.48 REE | Rees, Peter. Why do raindrops fall? [kit]: and other questions about water and weather. [Burnaby, B.C.] : [Burnaby School District], 2012. Why do raindrops fall? : and other questions about water and weather / Peter Rees. Cambridge, UK: Cambridge University Press, c2010. Audience: Upper Primary, Intermediate ELL. High Level 1, level 2. Why is the sea salty? Why do boats float? Why do I feel thirsty? You can find the answers to these and other questions about water in this book. --Cover p. [4]. |
| SPF 551.48 ALA | À la découverte de l'eau [kit]. [Burnaby, B.C.] : assembled by Burnaby School District, 2017. Kit contains the following titles: L'eau (2 copies) -- La pluie / Lauren Taylor (3 copies) -- À la découverte de l'eau / Élisabeth de Lambilly (1 copy) -- Histoires d'eau / Janine Scott (2 copies) -- D'où vient la pluie? / Katie Daynes (2 copies) -- L'eau / Agnès Vandewiele (1 copy) -- Le cycle de l'eau / Bobbie Kalman et Rebecca Sjonger (1 copy) -- Les enfants de l'eau / Angèle Delaunois (1 copy). Grades: 2 (French Immersion). The books in this French-language kit describe the origins, characteristics, and uses of water. |
| TR 551.5 AIR | Air and water: teacher's guide. BC ed. Markham, Ont.: Scholastic Canada, 2004. Audience: Professional. Grades: 2. This guide is intended for use with the Pan-Canadian science place kit. It contains lesson plans for science units on air and water, and may be used independently of the kit. |