New TRC Resources



March 2017

TITLE	DESCRIPTION	LOCATION	LEVEL	
ADMI	NISTRATION & PROFESSIONAL RE	SOURCES		
Power of pictures, The By Beth Olshansky	Beth Olshansky. ill. (some col.); 26 cm. + DVD Includes bibliographical references (p. [219]- 221) and index. The foundation Why build art into literacy learning? Bringing words and pictures together: a new model The workshop process Reading: study of quality picture books Art: thinking in pictures Writing: weaving pictures into words Refining and celebrating the work Planning, implementing, and assessing lessons Developing visual literacy: study of two picture books Mini-lessons: painting to writing Conclusion: The power of pictures Appendix A: Program effectiveness: research results Appendix B: Instructional tools References Index.	372.5 OLS		
Working with children and youth with complex needs By Michael Ungar	Includes bibliographical references (pages 196-206) and index. Working With Children and Youth with Complex Needs provides detailed description of techniques and rich stories of how mental health professionals can help young people become more resilient. With ample case studies and fascinating explanations of research, Dr. Ungar shows why we need to work just as hard at changing the environments that surround children as we do trying to change children themselves.	618.92 UNG		
ARTS				
Abstract art By Slix Wood	(Create it!) Abstract art might seem hard to define. But, by introducing readers to the major artists of the style, they'll have a good idea of the general characteristics of an abstract piece. In addition to biographical information about Henri Matisse, Jasper Johns, Paul Klee, and more important abstract artists, readers	709 040	Gr. 4-6	

	learn about each masters most famous pieces and ways they were able to achieve the look of the work. Fun, colorful projects accompany each artists spreads, showing readers how they, too, can make cool abstract art.		
Cubist art By Alix Wood	(Create it!) One artist that comes to mind in connection with cubist art is Pablo Picasso. Picasso famously painted in a cubist style from about 1909 to 1912. Readers can try out Picassos techniques as well as those of Paul Cezanne, Juan Gris, and others in this introduction to cubism. Biographical information of these master cubists is paired with a colorful layout sure to engage young artists. Step-by-step instructions and tip boxes guide readers through creating several cubist masterpieces based on techniques and the best-known works of these famous cubists.	709.040 WOO	Gr. 4-6
Expressionist art / By Alix Wood	(Create it!) Readers might be familiar with some of the works of Vincent Van Gogh. What they might not know is that he was an expressionist. The expressionists used color and painting techniques to suggest mood and emotion. An introduction to expressionism and celebrated expressionists, this book presents readers with the life and famous works of Edvard Munch, Van Gogh, Marc Chagall, and more through understandable, age-appropriate content. Each colorful spread includes an art project based on the works of the artist profiled in that chapter, complete with step-by-step instructions and photographs to guide readers as they create their own masterpiece.	709.040 WOO	Gr. 4-6
Impressionist art / By Alix Wood	(Create it!) Some of the most famous artists of all time were from the impressionist school. Claude Monet, Georges Seurat, and Edgar Degas all created works that have stood the test of time, and they were impressionists. Readers learn about the characteristics of impressionist art and the techniques used to create it. Master impressionists are profiled throughout the book, including information about their beautiful works. Readers can use this new knowledge to follow step-by-step instructions and make several art projects in the impressionist mode. Tips and full-color photographs help readers as they create, teaching them techniques they can use in future projects.	759.05 WOO	Gr. 4-6

Pop art / By Alix Wood	(Create it!) What made pop art special? Readers can find out the answer to this question through the colorful, fun pages of this book, which highlights the major features and figures of pop art. Profiles of Andy Warhol, Roy Lichtenstein, Richard Hamilton, and more pop artists introduce readers to famous pop art works as well as major techniques each artist used. Then, they can put this knowledge to work in accompanying art projects inspired by the work of the pop artist in that chapter. From using newspaper to make a collage to using benday dots, young artists have a multitude of styles to learn from.	709.04 WOO	Gr. 4-6
Surrealist art / By Alix Wood	(Create it!) Its fun to draw from your imagination. Surrealist artists, such as Salvador Dali and Max Ernst, created masterpieces of scenes that look real but couldn't be. Through an introduction to the features of surrealist art and profiles of famous surrealists, readers learn how to spot a painting or other work created in this genre of art. A colorful layout and full-color photographs engage readers with art history and their own creativity as they complete art projects accompanying each artists chapter. Including collages, painting, and drawing, each project offers readers clear instructions for the project at hand as well as technique tips they can use in the future.	709.040 WOO	Gr. 4-6
	ENGLISH LANGUAGE ARTS		
ABCs with Elmo	1 Playaway video player. An all-in-one way to watch videos on-the-go. Contains the following 2 videos: Learning about letters (30 min.) With the help of his Sesame Street friends, Big Bird leads Snuffy on a fun-filled trip through the alphabet. Whether you have a favorite letter, or love 'em from A to Z, you'll find them all here in delightful alphabetical disorder! The Alphabet Jungle Game (26 min.) Elmo, Zoe, and Telly are exploring the Alphabet Jungle, where letters grow on trees, Every letter from A to Y leads them on an animated alphabet adventure. But what about A? Come play the Alphabet Jungle Game and you'll find out!	PV 411 ABC	PreK-K
Adventure and imagination	1 Playaway video player. An all-in-one way to watch videos on-the-go. The following videos are included:	PV E ADV	PreK-Gr. 3

Hello Sun (8 min.) Quentin the hedgehog longs to see the sun, but the trees in the forest where he lives block his view. So Quentin comes up with a plan--he'll build a treehouse! But this proves to be a big task for a little hedgehog. With a little determination and some help from his friends, Quentin reaches new heights and finally greets the sun.

I wish I had freckles like Abby (3 min.) Rosa wants freckles just like her friend Abby. How can she get them? Maybe chocolate pudding will do the trick! How about some mud puddle dots? Big sister's makeup? Rosa comes to realize that she might have something that is just as good as the longed-for freckles.

Princess Justina Albertina (8 min.) Princess Justina Albertina likes to have her own way. When she doesn't get it, she gets a funny look in her big green eyes and starts to fuss. She causes a ruckus and a rumpus and a horrible hubbub. When this horrid princess declares, "I WANT A PET!" her nanny searches far and wide to find the pet of Princess Justina Albertina's dreams. A satisfying comeuppance will surprise and delight readers of all ages.

Sally Dog Little (11 min.) When the Littles decide it's time to get a dog, everyone has a specific purpose in mind. Papa wants Sally Dog Little to bark only when burglars come. Mama wants Sally Dog Little to walk with her every morning, afternoon, and evening. Twinkle Little wants Sally Dog Little to sleep on her bed and cuddle up close. Sally Dog Little commences her working life and does what is expected of her. But then things go awry, and the formality of the Littles' household threatens to come undone. It's up to Sally Dog to restore order! Stella the star (6 min.) Stella's parents are so proud. Her teacher wants her to be the star in the school play. So her parents take her shopping for new shoes and a new dress, get her hair cut at a fancy salon, and buy the best camera there is to take pictures during

finale.
When pigs fly (5 min.) Ralph's father tells
him he can have a new bicycle "when pigs
fly." Instead of giving up, Ralph cheerfully
tries to get his curly-tailed pals airborne.

the show. After all, only the best will do for their star. After much anticipation, the adorable Stella wins the hearts of all

audiences and makes her parents very proud in this charming story with a surprising

Anansi's adventures	does learn the invaluable skill of weaving. Anansi's party time (14 min.) Anansi receives his comeuppance from Turtle. When Anansi invites Turtle to a party just to trick him, Turtle finds his own hilarious way to exact his	ANA	PreK-Gr. 3
	revenge. The droll humor and the bold, brightly colored illustrations combine for another hilarious tale.		
Awesome facts about everything	Contents: 2 each of: Ripley's believe it or not! (13) 1 each of: 5,000 awesome facts [about everything] 3 Almanac 2017 (pb) Bird guide of North America (pb) Book of heroes, The Book of heroines, The Everything insects (pb) Famous fails! (pb) How things work Little kids first big book of birds Little kids first big book of the world Myths busted! 3 (pb) Real or fake? (pb) Science encyclopedia Weird but true! 8 (pb) Weird but true! Food (pb) Weird but true! Sports (pb) What in the world? A closer look.	TKT 031.02 AWE	Gr. 4+
Beauty and the beast and other great stories	An all-in-one way to watch videos on-the-go. The following videos are included: Pegasus the flying horse: This animated feature shimmers with all the excitement of Pegasus' captivating life adventure: his wondrous birth from the serpent-headed Medusa; the great battle with the multi-headed Chimarera; his appointment by Zeus as thunderbearer; and Pegasus' final glorious transformation into the majestic constellation that bears his name today. Beauty and the Beast: To save her beloved father, a beautiful young girl agrees to become the companion of a brutish and	PV 398.2 BEA	Gr. 3-6

Berenstain bears: holiday joy through the year, The	1 Playaway video player. An all-in-one way to watch videos on-the-go. The Bears experience a series of seasonal lessons that help them stay safe and happy while steering through the many adventures that life holds. Come enjoy these original episodes as the Bear cubs learn how rewarding good manners can be, how to shine instead of worry, and why strangers can be a good or a bad thing. The following episodes are included: Comic Valentine Easter Surprise	PV E BER	PreK-K
Don't judge a book by its cover	Christmas Tree. 1 Playaway video player. An all-in-one way to watch videos on-the-go. The following videos are included: Ace Lacewing: Bug Detective (14 min.) Bears We Know, The (4 min.) Princess Justina Albertina (8 min.) Ogre Fun (6 min.) Sally Dog Little: Undercover Agent (9 min.) Wedding, The (4 min.)	PV E DON	PreK-Gr. 3
Fairy tales [Primary]	Contents: 3 each of: Elves and the shoemaker, The (pb) Cinderella's best creations/Snow white and the three giants (pb) Gingerbread man. 2 each of: Frog Prince (My 1st Classic story) (pb), The Jack and the Beanstalk (My first reading book) Rapunzel + Audio CD (Usborne young reading) Sleeping Beauty: a fairy tale adventure Three Billy Goats gruff (My first reading book), The. 1 each of: 3 little pigs, The (pb) Can you see what I see? Once upon a time Extra! Extra! Fairy-tale news from hidden forest Goldilocks and the Three Bears (Brighter child keepsake story collection) (pb) Goldilocks and the Three Bears (Usborne picture books) (pb) Hansel and Gretel Jack and the beanstalk (Brighter Child keepsake story) (pb) Jack and the beanstalk (My first fairy tales) (pb) Little Red Hen (Little golden board book), the Little Red Riding Hood (My first fairy tales) (pb) Little Red Riding Hood (Usborne picture books) (pb) Rapunzel, Rapunzel, Wash your hair! Rapunzel: a fairy tale adventure Red Riding Hood (pb) Three Billy Goats gruff (pb) Three little pigs (My first fairy tales) (pb), The	TKT 398.2 FAI	K-Gr. 3
Fairy tales [Primary] (Oversize)	Contents: 3 Big Books: 1 each of: Red Riding Hood Snow White and the Seven Dwarves	TKT 398.2 FAI	K-Gr. 3

	Three Little Pigs.		
Fairy tales and folklore	Not one damsel in distress: world folktales		
Finding the Courage	The.	TKT FIC FIN	Gr. 7
Learning as we grow:	Great Fuzz Frenzy, The (14 min.) It's big. It's	PV E LEA	PreK-Gr. 3

	An all-in-one way to watch videos on-the-go. The following episodes are included: Mole Sisters and The Cool Breeze Mole Sisters Cross the Marsh Mole Sisters and the Tall Day Mole Sisters and the Sticky Burr Mole Sisters and the Question Mole Sisters and the Bat Mole Sisters and the Rainy Day Mole Sisters and the Acorns Mole Sisters and the Piece of Moss Mole Sisters and the Strawberry Mole Sisters and the Wavy Wheat Mole Sisters and the Nightingale Mole Sisters and the Apple Blossoms Mole Sisters and the Shadows Mole Sisters are Quiet Mole Sisters and the Echo Mole Sisters and the Pebble Mole Sisters and the Moonlit Night.	E MOL	
Mole Sisters and the perfect spot, The	Sisters and the Daisy Bud Mole Sisters	MOL	PreK-K
	tradiza that naine can alea nama mara than	DVD	K-Gr. 12

	animation students will learn simple rules they can use to turn singular nouns into a plural noun. Chapter three introduces possessive nouns to young students. Learners will come to know that a possessive noun shows that a person, animal, place, thing or idea can possess something. Through real life examples, graphics and animation, students will learn the different ways to make nouns possessive and simple rules for singular and plural possessive nouns. The program provides a variety of examples to help support a child's understanding of each concept.		
Nursery rhymes. Primary	2 each of: My very first Mother Goose. 1 of each: Animal tales from Mother Goose (Mother Goose nursery rhymes) Bedtime with Mother Goose (Mother Goose Nursery Rhymes) Child's treasury of nursery rhymes, A Count along with Mother Goose (Mother Goose nursery rhymes) Here comes Mother Goose Hickory, Dickory Dock Humpty Dumpty (Flip-side rhymes) Little Bo Peep (Flip-side rhymes) Little Miss Muffet (Flip-side rhymes) Making friends with Mother Goose (Mother Goose nursery rhymes) Mary Engelbreit's Mother Goose: one hundred best-loved verses Mother Goose picture puzzles Mother Goose Rhymes (Brighter Child keepsake story) My Son John Seeing colors with Mother Goose (Mother Goose nursery rhymes) Sing a song of Mother Goose Weather fun with Mother Goose (Mother Goose nursery rhymes). Other materials: 1 - Stuffed pig (This Little Piggy)	TKT	PreK-K
Primary Fairy tales	Contents: 3 each of: Billy goats gruff (My first reading book), The Frog Prince (My 1st classic story) (pb), The Jack and the beanstalk (My first reading book) Sleeping Beauty: a fairy tale adventure. 2 each of: Cinderella's best creations/Snow White and the three giants (Fairy-tale friendships) (pb) Elves and the shoemaker (pb), The Gingerbread man (Little golden book), The. 1 each of: Can you see what I see? Once upon a time Gingerbread boy (Paul Galdone) (pb), The Goldilocks and the Three Bears (My first fairy tales) Hansel and Gretel Jack and the beanstalk (Usborne first reading) Jack and the	TKT 398.2 PRI	K-Gr. 3

	beanstalk (Usborne picture books) (pb) Little Red Hen (Brighter child keepsake story collection) (pb) Little Red Riding Hood: a fairy tale adventure Rapunzel (Brighter child keepsake story) (pb) Rapunzel (First stories BB) Rapunzel (Isborne young reading) Rapunzel, Rapunzel, wash your hair! Rumpelstiltskin (Paul Galdone) (pb) Three little pigs (Brighter child keepsake story collection) (pb), The Three little pigs (Paul Galdone), The. Other materials: Little Red Rding Hood deluxe (Smart games)		
Primary Fairy tales (Oversize)	Contents: 3 Big Books: 1 each of: Red Riding Hood Snow White and the Seven Dwarves Three Little Pigs.	TKT 398.2 PRI	K-Gr. 3
Sesame numbers	1 Playaway video player. An all-in-one way to watch videos on-the-go. Contains the following 2 videos: 123 Count with Me (32 min.) Count on Ernie to make learning numbers a musical treat! Today, he's stopping by The Furry Arms to show everyone just how easy and useful learning to count can be. Learning About Numbers (28 min.) The Count shows why he's the number one host when it comes to numbers. In a wacky, way-out look at counting, the Count and his Sesame Street friends Big Bird, Ernie and Grover count their way from 1-10 and beyond.	PV 513.5 SES	PreK-K
Tilly: a story of hope and resilience By Monique Gray Smith	Tilly has always known she's part Lakota on her dad's side. She's grown up with the traditional teachings of her grandma, relishing the life lessons of her beloved mentor. But it isn't until an angry man shouts something on the street that Tilly realizes her mom is Aboriginal too a Cree woman taken from her own parents as a baby. Tilly feels her mother's pain deeply. She's always had trouble fitting in at school, and when her grandma dies unexpectedly, her anchor is gone. Then Abby, a gradeseven classmate, invites her home for lunch and offers her something special to drink. Nothing has prepared Tilly for the tingling in her legs, the buzz in her head and the awesome feeling that she can do anything. From then on, partying seems to offer an escape from her insecurities. But after one dangerously drunken evening, Tilly knows she has to change. Summoning her courage, she begins the long journey to finding pride in herself and her heritage. Just when she	CS 813.54 SMI 30 copies	Gr 7+

	needs it most, a mysterious stranger offers some wise counsel: Never question who you are or who your people are. It's in your eyes. I know it's in your heart. Loosely based on author Monique Gray Smith s own life, this revealing, important work of creative nonfiction tells the story of a young indigenous woman coming of age in the 1980s. In a spirit of hope, this unique story captures the irrepressible resilience of Tilly and of indigenous peoples everywhere.		
HEALTH /	 PHYSICAL EDUCATION/CHARACTE	 	J
HEALIN/I	THISICAL EDUCATION/ CHARACTER	EDUCATION	•
Cook by colours – starter kit By Brent Currie	contents: 1 Cook by colours cookbook 1 set of color coded measuring spoons 1 set of color coded measuring cups. Help get your kids involved in the kitchen with our specially designed cookbook made for kids who can't yet read. Our fun, colour-coded measuring cups make it easy for kids to scoop, dump and mix their way to success with 25 of our favourite easy to make recipes.	KIT	Ages 2-8
Know your body (6 books)	A baby has about 300 bones, but an adult has 206. People feel hungry because the muscles in their empty stomach are moving. It takes about 60 seconds for the heart to pump blood to every cell in the body! These cool facts and many more are found throughout this accessible biology-focused series. Contents: 1 each of: Your bones Your brain Your heart Your lungs Your muscles Your stomach.	KIT 612 KNO	Gr. 1-2
Suicidal signs	1 digital video disc. (21 min.): sd., col.; 4 3/4 in. Young people with mental health problems - such as anxiety, depression, bipolar disorder, self mutilation, reactive attachment disorder are at higher risk for suicidal thoughts. Raising teenagers with mental health issues can be a difficult and very challenging experience. This reflective program focuses on parents and teenagers who tell their stories of struggle as they learn how some families cope with parenting a mentally ill teen.	DVD 616.85 SUI	
Teens, substance abuse and addiction	6 digital video discs. (71 min.): sd., col.; 4 3/4 in. Contains the following programs; 1. Effects of Week on your body and brain.	DVD 362.29 TEE	

	 How addiction enslaves your brain. Underage drinking, dangers and consequences. Tobacco, vaping and nicotine. Heroin abuse and addiction. Complete series workbook DVD 		
You can keep yourself safe:	boundaries. Viewers will also come to know	DVD 363.1 YOU	Gr. 5-8
	MATHEMATICS		
	NATIVE STUDIES		
Art of being Metis through the teachings of the canoe, The	2 digital video discs. (154 min.): sd., Col.; 4 3/4 in. This documentary film follows Mahigan through all the facets of creating a traditional birch bark canoe. Much more than a how-to film, the viewer will be taken on a spiritual journey that contemplates the very close relationship the people of the Métis Nation and all indigenous peoples have, with Mother Earth. Mahigan will discuss the meaning of	DVD 971.00497 ART	

Fur pelts. Set 3 (8 animals)	being Métis as well as what living a Métis lifestyle means. The viewer will also learn about the language, customs, culture, food and music of the Métis People. The Metis Nation is recognized by The United Nations. Contents: 1 each of: Arctic fox Beaver Bobcat Lynx Mink Otter Raccoon Weasel. Suggested Uses: Science K- Living Things in our Environment Science Grade 1- Needs and Characteristics of Living Things Science Grade 2- Animal Growth and Changes.	TKT 599.7 FUR	
PRACTI	CAL and APPLIED ARTS & WORK E	XPERIENCE	
	SCIENCE		_
Amazing planet	1 Playaway video player. An all-in-one way to watch videos on-the-go. The following videos are included: Born of fire (54 min.) Learn about the molten magma that drives the conveyor belt of plate tectonics. Driven by this dynamo, the ocean floor rips apart, continents collide, mountains rise, volcanoes erupt, earthquakes shake and tsunamis inundate. The story of lava is a whirlwind trip from earth's beginnings to its present state – and affords us a glimpse into a possible future where Africa splits apart, the Atlantic grows vast and the Pacific shrinks, California breaks off from America to become a new islandand a super-volcano changes life as we know it forever. Ocean Realm (50 min.) Beautiful, bewildering and largely unexplored, our oceans dominate our planet. How did they form? Why haven't they evaporated away? We take an journey through time watch as our world freezes solid long ago and peek at the ocean's possible future. We journey from the mindbending beauty of coral reef shallows to the deepest depths of Mariana Trench, while glimpsing everything in between Destructive forces (50 min.) When it comes to natural wonders, few things can rival what water, ice and wind have carved into the earth – from Niagara Falls to the Grand Canyon and from vast deserts with singing sand dunes to the eerie beauty of deep cave systems. We head to the places where powerful sculpting forces have created some of the most stunning and unique landscapes imaginable.	PV 550 AMA	Gr. 6+

Animals: what they are and where they live	1 Playaway video player. An all-in-one way to watch videos on-the-go. Contains the following 9 videos: Living and Nonliving Things (12 min.): Students learn that all living things have needs and some of these are air, water, and energy from food. Animal Features and their Functions (13 min.): Head, tail, wings, feathers, fur, and claws. Discover how these and other parts of animals help them live in different habitats. Animals Groups: Beginning Classification (16 min.): Mammals, Birds, Fish, Amphibians, Reptiles, and Insects. Simple explanations and vivid footage provide an excellent lesson in classifying animals. Animal Lifecycles (14 min.): Children learn that living things grow and change. Desert Habitats (21 min.): Take a video field trip to some of the driest regions on Earth to learn how different plants and animals adapt to little rainfall and extremes in temperature. Forest habitats: (15 min.): Visit deciduous and evergreen forests to see the plants and animals that make this ecosystem their home. Ocean Habitats: Shoreline and Reef: (16 min.): Discover the unique environment where the water meets the land in the amazing living habitat of the reef. The Tropical Rainforest Habitat (15 min.): Peek inside the wettest habitat on land to learn about the special adaptations plants and animals make to ensure survival, including symbiosis. Habitats: Homes for Living Things (15 min.): Peek into the habitats of different kinds of animals to see how they meet their needs. Visit a pond, a desert, a forest, a rainforest, and other habitats to discover how their resident animals and plants survive and thrive in these unique environments. Suggested Use: Science K- Living Things in Our Environment; Grade 1- Needs and Characteristics of Living Things; Grade 2-Animal Growth and Changes.	PV	Gr. 3-6
Bee / By Kevin Ingram	(Up close & scary) Includes index. Buzzing with frightening facts and striking photographs, Up close & scary: bee provides surprising insights into the miniature world of bees.	595.79 ING	Gr. 2+
Earth's water (6 books) By Ellen Lawrence	(Drip, drip, drop: Earth's water) We see it in ponds, lakes, and rivers. We splash in it when we visit the seashore. Every living thing on Earth, from tiny insects to the	KIT 551.48 LAW	Gr. 2

	tallest trees, needs it to survive. What are we talking about? Water! This new Science Slam! series takes a fresh look at Earth's water. What is water made of? Where do we find salt water and fresh water? How did all the water beneath the ground get there? And why do our bodies need water to stay healthy? Contents: 1 each of: Covered in water Say hello to H2O Water beneath your feet, The Wet, blue, and good for you What's so fresh about fresh water? Why is seawater salty? Suggested Use: Science Grade 2- Air and Water in the Environment.		
Exploring ecosystems (6 books)	Contents: 1 each of: Boreal forests Caves Shaparrals Polar Regions Tundras Wetlands. Suggested Use: Science Grade 1- Needs and Characteristics of Living Things; Grade 2- Animal Growth and Changes.	KIT 577 EXP	Gr. 1-2
From the Earth (6 books)	(From the Earth: how resources are made) Natural resources power our world, give structure to our buildings, decorate our bodies, and fulfill countless other functions. This informative series guides readers through the amazing processes within Earth that produce our most precious resources. Contents: 1 each of: How coal is formed How gems are formed How iron ore forms How natural gas is formed How oil is formed How precious metals form. Suggested Use: Science Grade 7- Earth's Crust and Resources.	KIT 533 FRO	Gr. 4-7
Geology rocks! (8 books)	Did you know that scientists are using crystal shapes to design medicine? Or that the igneous rock pumice helps to make concrete light in weight? Even though rocks and minerals can be found almost everywhere on Earth, there is still so much to learn about them! Contents: 1 each of: Crystals Fossils Igneous rocks Metamorphic rocks Minerals Rock cycle, The Sedimentary rocks Soil. Suggested Use: Science Grade 4- Rocks, Minerals and Erosion.	KIT 552 GEO	Gr. 4
Grow light system		EQ 635.982 GRO 4 lights	

	kit includes: 4 foot reflector with T5 high output fluorescent bulb Sleek, adjustable, sturdy frame for hanging 6 foot power cord with on/off switch. 31 3/4" H X 18 1/4" W X 50" L		
Polar climates	1 Playaway video player. An all-in-one way to watch videos on-the-go. The following videos are included: Emperors of the ice (52 min.) In the frozen wilderness of Antarctica, where oceans ice over and just staying alive is an achievement, one creature has perfected the art of survival—the emperor penguin. Emperor penguins are sublimely built to conquer the cold—but in a world threatened by climate change, can they take the heat? Parts of Antarctica are warming, giving birth to huge icebergs, and the consequences could be catastrophic in a place where all life is touched by the ice. Using Crittercam, scientists hitch a virtual ride under the ice with the emperor penguin to study the impact of climate change on the penguin's world. Masters of the Arctic ice (51 min.) Journey to the top of the world to witness firsthand how the planet's changing climate is affecting the creatures that inhabit the icy Arctic. See how the quickly melting Arctic ice affects the survival skills of ringed seals, polar bears, and narwhals. These Arctic creatures have become masters at negotiating the perils of this frozen world, but their dependence on the ice is also their greatest vulnerability. National Geographic's Crittercam technology provides a never-before-seen perspective on this changing world. See how the resourceful creatures of the Arctic are learning to adapt—from their own point of view.	PV 590.11 POL	Gr. 5+
What causes a rainbow? By Janet Slingerland	(Everyday Earth science) Find out how raindrops in the air bend sunlight to turn it into a colorful rainbow. Suggested Use: Science Grade 4- Light (LI).	551.567 SLI 2 copies	Gr. 4+
What is a solstice? By Gail Terp	(Everyday Earth science) Find out how the movement of Earth causes the first day of summer and the first day of winter.	508 TER	Gr. 2-5
What is the difference between clouds and fog? By Kristen Pope	(Everyday Earth science) Find out how clouds and fog are formed and how they are alike and different.	551.576 POP	Gr. 2-5

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What makes it rain? By Patrick Perish	(Everyday Earth science) Find out how the water cycle causes rain, snow, sleet, and other types of precipitation.	551.577 PER	Gr. 2-5
What makes the sky blue? By Janet Slingerland	•	551.5 SLI	Gr. 2-5
Where did the caterpillar go? By Beth Bence Reinke.		595.781 REI 2 copies	Gr. 2+
Who lives here? (6 books) By Mary Jane Wilkins	This series transports readers to the most interesting environments on our planet, where they will meet some of the animals that live in them. Contents: 1 each of: Who lives here? Deep sea Who lives here? Deserts Who lives here? Frozen lands Who lives here? Grasslands Who lives here? Mountains Who lives here? Rain forests. Suggested Use: Science Grade 2- Animal Growth and Changes; Grade 4- Habitats and communities.	KIT 577 WIL	Gr. 2-4
Why do leaves change color?	(Everyday Earth science) Find out why leaves turn orange, yellow, red, and purple in the autumn before falling to the ground. Suggested Use: Science Grade 3- Plant growth and changes.	581.48 REI 2 copies	Gr. 3+
Why does earth have seasons? By Marne Ventura	(Everyday Earth science) Find out what causes spring, summer, fall, and winter and how different parts of Earth experience the seasons.	508 VEN	Gr. 2-5
Zoo clues (8 books)	Learn about this dazzling collection of wild and wonderful zoo animalsone clue at a time! This new series introduces emergent readers to unusual animals from around the world through a fun guessing game. Rich, colorful photos and a clever design will engage young children as they read and explore. Contents: 1 each of: My body is tough and gray. What	KIT 590.73 ZOO	Gr. 1-2

	am I? My claws are huge and black. What am I? My ears are huge and fuzzy. What am I? My feet are webbed and orange. What am I? My mane is short and spiky. What am I? My teeth are sharp and pointy. What am I? My tongue is long and curves. What am I? My whiskers are long and white. What am I? Suggested Use: Science Grade 1- Needs and Characteristics of Living Things; Grade 2-Animal Growth and Changes.		
Zoom in on biomes (6 books) By Colin Grady	Young readers will learn about the unique climate found in each biome and how animals plants and people have adapted to life there. Contents: 1 each of: Coniferous forest biome, The Deciduous forest biome, The Desert biome, The Grassland biome, The Ocean biome, The Tundra biome, The. Suggested Use: Science Grade 2- Animal Growth and Changes; Grade 4- Habitats and communities.	KIT 577 GRA	Gr. 2-4
	SOCIAL STUDIES		
Discover the continents (7 books) By Emily Rose Oachs	llandmaccoc llco thoco man-rich titloc to	KIT 910.914 OAC	Gr. 2-4
Freedom : a history of us.	4 digital video disc. (7 hours): sd., col.; 4 3/4 in. It's long been America's strongest cultural bond and its most perious fault line. For generations, men and women have lived and died for it. Now, consider what it means to be free with this groundbreaking new series, based on the award-winning books by master storyteller Joy Jakim. Freedom: A history of us chronicles the epic journey of our commitment to the liberty and the idea of freedom. Disc 1: Episode one: Independence; Episode two: Revolution; Episode three: Liberty for All? Episode four: Wake up, America. Disc 2: Episode one: A Fatal Contradiction; Episode two: A War to End Slavery; Episode three: What is Freedom? Episode four:	DVD 306.363 FRE	HS

	Whose Land is This? Disc 3: episode one: Working for Freedom; Episode two: Yearning to Breathe Free; Episode three: Safe for Democracy; Episode Four: Depression and War. Disc 4: Episode one: Democracy and Struggles; Episode two: Let Freedom Ring; Episode three: Marching to Freedom Land; Episode Four: Becoming Free.		
TECHNOLOGY			
3-D printing By Hal Marcovitz		621.9 MAR	Gr. 4-6