PBS Kids Resources: Age Levels and Educational Philosophy

Ages 4-8 yr. olds: ARTHUR's goal is to help foster an interest in reading and writing, and to encourage positive social skills.

Only available in PBS LearningMedia — Ages 3-7 yr. olds: BTL is a lively, educational blend of phonemic awareness, phonics, vocabulary, and other teaching methods for preschool, kindergarten, and first grade students. Several independent, scientifically-based reading research studies have shown that Between the Lions has a significant impact in in-

Ages 2-5 yr. olds: "Make believe" is key to early childhood development.

Ages 2-6 yr. olds: The series supports young children’s science learning by introducing scientific inquiry skills, teaching core science concepts and vocabulary, and preparing preschoolers for kindergarten and first grade science curriculum — all in whimsical style.

Ages 3-7 yr. olds: Modeling of ten positive character traits that represent social and emotional challenges that children face and must master in the course of development.

Ages 3-5 yr. olds: The goal of the series is to inspire children to explore science, engineering, and math in the world around them.

Ages 8-11 yr. olds: Every episode, game and activity is motivated by Cyberchase characters and settings, and on a math concept centered on national standards. From tackling fractions in ancient Greece to using decimals to repair train tracks in Railroad Repair, kids learn that math is everywhere and a useful tool for solving problems.

Ages 2-4 yr. olds: This series, for a new generation of children, tells its engaging stories about the life of a preschooler using musical strategies grounded in Fred Rogers’ landmark social-emotional curriculum. Through imagination, creativity and music, Daniel and his friends learn the key social skills necessary for school and for life.

Ages 10-13 yr. olds: Design Squad Global empowers middle school kids to solve real-world problems and understand the impact of engineering in a global context.

Ages 3-5 yr. olds: Dinosaur Train embraces and celebrates the fascination that preschoolers have with both dinosaurs and trains, while encouraging basic scientific thinking skills as the audience learns about life science, natural history and paleontology.

Only available in PBS LearningMedia — Ages 9-12: Foster a greater interest in science and the process of scientific inquiry; give children encouragement and the confidence to conduct their own scientific investigations; provide formal and informal educators with videos that model authentic explorations of science that all children can do.
Ages 6-9: Teaches the following four crucial areas of literacy that are challenging for struggling readers: Decoding, vocabulary, comprehension of connected text and motivation.

Ages 6-8: To create a positive change in the current state of childhood nutrition; to encourage daily physical activity and exercise; to promote basic nutrition and proper portion-size, the importance of eating three meals a day (especially a good breakfast), and the value of family meal-time interactions.

Only available in PBS LearningMedia — Ages 9-12: Teaches about sustainability and green living. Kids are encouraged to make informed choices and meaningful changes.

Ages 6+: Kart Kingdom is a game that help players develop systems thinking skills. Systems thinkers approach problems by understanding the relationships among the interacting elements of a system, rather than focusing on its parts.

Ages 4-7: Let’s Go Luna! encourages kids to explore global culture and to make connections between communities all over the world. It integrates concepts of anthropology, history, ecology, geography and sociology; and shows the importance of family, friendships and the role we all have in our communities.

Ages 4-7: The goal of Martha Speaks is to increase oral vocabulary, the words we use

Ages 6-11: Encourages children to value, respect and better understand a variety of cultures, perspectives, traditions, languages and experiences; supports children in building their understanding of the English language, with a special emphasis on vocabulary.

Only available in PBS LearningMedia — Ages 3-5: The main focus of this television series is on children’s emotional development—encourages children to feel good about themselves, helps children learn the skills needed for growing up, encourages appreciation of and respect for others, and promotes values that are universally important to children

Ages 3-8: Nature Cat devised to reconnect children with the natural world; making engaging, age-appropriate nature education a sustaining and enriching part of their daily lives. Curriculum areas include, but are not limited to: Life Sciences, Earth Sciences, Physical Sciences and Environmental Education.

Ages 5-8: Odd Squad emphasizes problem solving, teamwork and perseverance in every strange and hilarious new assignment agents Olive and Otto tackle, using effective mathematical practices and critical mathematics concepts and skills to ultimately solve each case.
Ages 6-8: Oh Noah!, (formerly known as Noah Comprende) is designed to teach Spanish to children ages six to eight through animated videos with embedded games that help build vocabulary.

Ages 3-5: Teaches measurement, shapes and patterns and a wide range of fundamental pre-math skills, as established by the NAEYC and NCTM. Uses an inquiry-based approach to problem solving.

Ages 3-5: Pinkalicious & Peterrific encourages kids to engage in the creative arts and self-expression, covering areas such as music, dance and visual arts.

Ages 6-9: An exciting environmental science series that helps kids develop a love for, and connection to, this amazing and beautiful planet we call home. Activities and media resources arranged in a thematic sequence and aligned to the Next Generation Science Standards.

Only available in PBS LearningMedia — Ages 6-9: Builds awareness and appreciation of the many cultures of North America, and to support elementary school-age English Language Learners.

Ages 3-8: READY JET GO! is a kid’s first introduction to space, earth science, and technology, presented in an entertaining and engaging way that will inspire a life-long interest. The astronomy curriculum covers the basics about the planets, moons, asteroids, comets of our solar system, and the fact that our own Sun is actually a star—one of billions in our own Milky Way Galaxy.

Ages 4-8: The Ruff Ruffman Show encourages kids to explore core science concepts in the world around them. It models science inquiry skills and inspires children to learn the value of failure and exploration.

Ages 8-12: Showcases bright, curious real tween girls putting science and engineering to work in their everyday lives.

Ages 2-5: Sesame Street put television to work as an educational tool, and independent research has repeatedly and conclusively proven that the approach succeeds in improving cognitive skills, teaching respect and social skills, and promoting school readiness skills. Children who watch the show as two-year-olds gain an advantage in math, vocabulary, and other school readiness skills by the time they are five.

Ages 3-6: Encourages children to think, talk and work the way scientists do by building on preschoolers’ natural curiosity about the world, shows that science is all around us – we all interact with and are capable of learning about scientific concepts, contributes to school readiness by fostering children’s intellectual skills, motivation to learn, and confidence in themselves as learners.
Ages 3-6: Designed to help kids ages 3 to 6 with the critical skills that they need to learn to read (and love to read!) as recommended by the National Reading Panel (alphabet skills, word families, spelling, comprehension and vocabulary) to support children’s learning by partnering with parents and teachers to create a “climate of curiosity” for children.

Ages 3-6: WordWorld empowers children as early readers by making the important connections between letters, sounds, words and meaning that are necessary for reading.

Ages 4-7: Encourages kids to explore the natural undersea world. Focuses on themes of diversity, individuality, interconnectedness and the celebration of learning and discovery. Shows the importance of taking care of the ocean.

Ages 4-8: Teaches natural history and age-appropriate science by building on natural interest in animals, develops and strengthens basic skills of observation and investigation that children will use increasingly as they continue their study of science and builds excitement in science that will remain with them throughout their lives.

Ages 4-9: Engages children in a language-filled world that will provide a meaningful context and rich experiences to help build children’s deep word knowledge and engender a lifelong enthusiasm for language.

Only available in PBS LearningMedia — Ages 5-11: Challenges kids to "turn off the TV and do it!" Based on the original hit series from the 70’s, ZOOM is packed with science experiments, recipes, plays, games, jokes, chats, poems, and volunteer ideas, all sent in by viewers, and offering a wealth of activities for kids to do by themselves, with friends, or with

Only available in PBS LearningMedia — Ages 3-5: The PEEP science curriculum invites preschoolers to actively investigate their world by exploring water, sound, plant, color, shadows, and ramps (movement) in units lasting 3 weeks.

http://www.peepandthebigwideworld.com/