Educational Resources for Parents

Many parents are looking for ways to help their children learn and stay active when they're home for an extended period of time. We've created a list of engaging, academic-oriented resources on a variety of subjects.

01. Multiple Subjects.

- **Dancing Mat from BBC** // You start by learning the home row keys. Each stage builds on previous lessons, introducing new letters as you progress. Kids love it!

- **Arcademic** //Grades 1-6// Arcade-like games that teach a variety of subjects

- **PBS Kids** //Grades Pre-3// Great videos and games from one of the most trusted sources in early learning.

- **Scholastic Learn-at-Home** //Grades Pre-6// Daily lessons launched as four separate learning experiences, each built around a thrilling, meaningful story or video.

- **BrainPOP** //Grades K-8// Online resource for learning almost every subject. Courses include videos, games, quizzes, vocab, and related reading.

- **Education.com** //Grades Pre-12// Syncs with the standard US school year calendar.

- **IXL** //Grades Pre-12// Skills-based, adaptive, personalized learning in math, language arts, science, social studies, and Spanish.

- **Khan Academy** //Grades K-12// Created by experts, Khan Academy's library of trusted, standards-aligned practice and lessons covers math, grammar, science, history, AP®, SAT®, and more. Students practice at their own pace, first filling in gaps in their understanding and then accelerating their learning.

- **Mystery Doug** // Short videos that investigate and explore questions asked by real students.

- **Outschool** //Grades Pre-12// Live Online Classes created and taught by teachers.

- **PBS Learning Media** //Grades Pre-12// Standards aligned videos, interactive lesson plans, and more for just about every subject. Early learning through high school.

- **Teachers Pay Teachers** //Grades Pre-12// Over 3 million free and paid resources, created by educators, on the full spectrum of subjects and grade levels.

- **The Great Courses** //Grades Pre-12// Courses in almost every topic for all ages.

02. Art.

- **The Art Sherpa** // Live streaming and previously recorded videos that teach a variety of painting techniques and projects.
- **Art with Everyone** // Drawing and painting tutorials for all ages and skill levels.
- **Smithsonian Art & Design**

03. Civics.

- **iCivics** // Founded by Justice Sandra Day O'Connor – students learn how government works by experiencing it. They step into the role of a judge, a member of Congress, a community activist, even the President of the United States – and do the job they do.
- **State of Youth** // Online lessons where young people can learn about the sustainable development goals and how they can become changemakers.

04. Coding & Computer Science.

- **Tech Prep by FB** //Age 8+// TechPrep is a free website and resource hub to help you discover computer programming, learn about jobs available to programmers, and get matched to resources to start building programming skills.
- **Code.org** //Grades K-12// Online learning platform to teach students coding and computer science. Used by schools and districts worldwide, with a focus on increasing participation by women and underrepresented youth.
- **Scratch** // Free, online coding platform developed by MIT Media Lab for children using intuitive drag and drop visual interface that teaches coding basics. Kids can program their own interactive stories, games, and animations – and share their creations with others in the online community.
- **MicroBit** // If you are already using, or planning to use, video streaming tools for remote learning, you can combine them with the free micro:bit classroom tool to run your own live micro:bit coding lessons. Students do not need micro:bit devices to use the classroom, they can program the simulator in MakeCode.

05. Economics.

- **The Stock Market Game** //Grades 4-12// An online simulation of the global capital markets that engage students in the world of economics, investing and personal finance.
- **Financial Football** //Grades 6-12// A fast-paced, interactive game that engages students while teaching them personal finance skills. The latest release features 3D graphics and game-changing opportunities with audibles, blitzes and long yardage plays.
- **Financial Soccer** //Grades 6-12// Put your financial skills to the test with Visa's World Cup-themed Financial Soccer multiple-choice question game. It tests players' knowledge of financial management skills as they advance down the field and try to score.

06. Language Arts.

- <u>Night Zoo Keeper</u> // Online writing tool and library of interactive lessons. Fun, engaging games that increase vocabulary and improve spelling. Puzzles and challenges that develop grammar and structure skills. Inspiring prompts and story creation lessons that spark imaginations.

- <u>Reading Eggs</u> // Learn to read with online games and activities.

- <u>Starfall</u> //Grades K-3// Reading, educational games, stories, songs, and other activities.

- <u>Story Pirates</u> // Podcast of stories by children and story writing inspiration.

- <u>Teach Your Monster to Read</u> // Even if you know how to read – you should visit this site! Teach Your Monster to Read is a fun, adventure-based game that teaches phonics and reading along the way. Help your monster rescue a friend from the goblin king as you travel through the galaxy.

- <u>Duolingo</u> // Learn close to 25 different languages using a fun and intuitive app that incentivizes learning through points and levels.

07. Math.

- <u>Beast Academy</u> //Ages 8-13// Online math and problem solving in a comic-book format.

- <u>Dragonbox</u> // Math apps developed by educational experts, dedicated teachers, game developers, designers, cognitive scientists, writers and artists who are passionate about creating innovative and engaging game based learning tools.

- <u>Dreambox</u> //Grades K-8// Adaptive, online math program.

- <u>Global Math Project</u> //Ages 10+// Join students from around the world on a global math project (Exploding Dots) that is mathematical story that starts at the very beginning of mathematics, assuming nothing, and swiftly takes you on a "wondrous journey" through grade school arithmetic, high-school polynomials algebra, infinite sums, and advanced mathematics and unsolved research problems baffling mathematicians still to this day.

- <u>Prodigy Math</u> //Grades 1-8// Engaging, curriculum-aligned math platform. Game-based, adaptive, and personalized.

08. Science.

- <u>The Science Guys</u> // Educational science videos for all ages.

- <u>Science Max</u> // YouTube series that explores common science experiments kids do at home and "turbocharges" them.

- <u>Smithsonian Science & Nature</u>

- <u>Astronomy</u> // Universe, galaxy, stars, systems, solar system, and exploration.

- <u>Biology</u> // Cell structure and function, microorganisms, plants, animals and animal systems.

- <u>Chemistry 4 Kids</u> // Matter, atoms, periodic table, elements, reactions, biochemistry.

- <u>Tyler DeWitt</u> // Chemistry and microbiology videos.

- **Minecraft Chemistry** // Discover the building blocks of matter, combine elements into useful compounds and Minecraft items, and conduct amazing experiments with new lessons and a downloadable world.
- **Teach Engineering** // Digital library comprised of standards-aligned engineering curricula for K-12 educators to make applied science and math come alive through engineering design.
- **Geography** // Earth energy and structure, atmosphere, hydrosphere, biosphere, climates, and more.
- **Physics 4 Kids** // Motion, heat & thermodynamics, electricity & magnetism, light, modern physics.

09. Social & Ethnic Studies.

- **The Duwamish Tribe**
- **The Tulalip People**
- **Teaching Tolerance** // Free lesson plans to teach about identity and learning about one's own race and ethnicity.

10. History.

- **Smithsonian History & Culture Collection**
- **The 1619 Project** // An ongoing initiative from The New York Times Magazine that began in August 2019, the 400th anniversary of the beginning of American slavery. It aims to reframe the country's history by placing the consequences of slavery and the contributions of black Americans at the very center of our national narrative.
- **Zinn Education Project** //Grades6-12// For more than ten years, the Zinn Education Project has introduced students to a more accurate, complex, and engaging understanding of history than is found in traditional textbooks and curricula.
- **Big History Project** // A free social studies course that encourages students to have a big-picture view of the world and emphasizes skill development as students draw "mind-blowing connections" between past, present and future.
- **Mission Us** // An interactive way to learn history, the game immerses players in rich, historical settings and then empowers them to make choices that illuminate how ordinary people experienced the past.

11. Play & Explore.

- **150 enrichment activities** for children while parents are working remotely
- **Online Karate Lessons**
- **Ideas for Social Distancing with kids**
- **A Principal's List of Things to do during COVID Closures**

12. Digital Skills & Wellbeing.

- **Get Digital** // Leverage Facebook's new Get Digital program to teach key digital citizenship and wellbeing skills and empower everyone to create safe, inclusive and supportive online communities.

- [Yale Center for Emotional Intelligence](#) // Managing Anxiety around COVID-19
- [Talking to Children About COVID-19 (Coronavirus): A Parent Resource](#)

13. Elderly Care.

- [AARP](#) // Resources for family caregivers to get prepared and reduce a loved one's exposure to the virus.

- [Outpatient](#) // The Outpatient app connects your staff managers, resident family members and potentially even medical professionals in a secure virtual collaboration space. The newest version of the Outpatient App will contain a Virus Tracker module specifically designed to coordinate tracking symptoms like Fever, Cough, and Shortness of Breath. Outpatient is offering free access to their platform until July 1st.