

Math Games and Activities for Home for Students with Visual Impairments – Pre-K/Kindergarten and Up

Bugzzle

Pre-K/Kindergarten

May be good for some low vision students, may need to enlarge the cards and/or better define the black lines. If math workbook pages bug your young learner, try teaching the basics of fractions, beginning geometry and more with Bugzzle. Just choose a card, there are four levels of difficulty in the card choices, and then flip and position the geometric puzzle pieces into the bug-shaped tray to match the picture. To complete the Bugzzle puzzle, your child will need to consider colors, shapes and lengths of the 18 high-quality, dual-color puzzle pieces. The sturdy, brightly-colored pieces and 40 pattern cards will give your kindergartner's brain a good workout in spatial reasoning, critical thinking and problem-solving.

- [TimberDoodle.com/Products/Bugzzle](https://www.timberdoodle.com/products/bugzzle)

GeoMagic Mosaics

Pre-K/Kindergarten

May be good for some low vision students. Set of 250 blocks in 8 geometric shapes for building designs and patterns. Encourages fine motor skills, planning, creativity, spatial reasoning, math skills. Experience the creative potential of basic geometry!

- [FatBrainToys.com/Toy Companies/Fat Brain Toys/Geomagic Mosaics.cfm](https://www.fatbraintoy.com/toy-companies/fat-brain-toys/geomagic-mosaics.cfm)

Perkins eLearning

Pre-K/Kindergarten

- [Mathematical Activities for Parents and Their 2- To 5-Year-Old Children](#)
- www2.ed.gov/Pubs/EarlyMath/Activities1.html

Match It Mathematics

Pre-K through 1st grade

Link below shows how to adapt the game. This game teaches kids the basics of addition and subtraction by letting them match corresponding puzzle pieces. It also improves their recognition and fine motor skills as well as hand-eye coordination. Each puzzle card is cut in a unique shape, so only the right match will fit.

- PathsToLiteracy.org/Strategies/Adapting-Match-It-Mathematics-Game
- <https://tlji.com/search?controller=search&s=match+it>

Bedtime Math App

Pre-K through 3rd Grade

Parents would read questions to students. The Bedtime Math app for iPhone/iPad or Android has a daily math problem, a surprise problem and an archive of math problems which you can browse to find your favorite topics.

- BedtimeMath.org

PBS Cyberchase - Accessible

Kindergarten through 2nd grade

Aimed at kids ages six to eight, the on-line game is designed using the “born accessible” approach to teach children with cognitive and physical disabilities about STEM.

- [PBSKids.org/Cyberchase](https://pbskids.org/Cyberchase)

What’s My Number

Kindergarten through 5th grade

Can be played with a braille or printed hundreds grid. Help students learn to count from 1 to 50 with this number patterns game. Students will love the interactive nature of the game board as they ask questions and flick down numbers to best predict their opponent's number.

- [Amazon.com/Junior-Learning-Whats-Number-Board/dp/B00B100JKQ/ref=sr_1_92?Keywords=Math&qid=1584298677&s=Toys-and-Games&sr=1-92](https://www.amazon.com/Junior-Learning-Whats-Number-Board/dp/B00B100JKQ/ref=sr_1_92?Keywords=Math&qid=1584298677&s=Toys-and-Games&sr=1-92)

Rush Hour Junior

Kindergarten and up

May be good for some low vision students. Just like the classic Rush Hour logic game, you shift blocking cars and trucks out of your way to clear a path to the exit. The 40 leveled brainteaser challenges are a fun way to build problem-solving

skills. Rush Hour Jr. is an ideal logic game for younger ages but still plenty of fun for an adult brain.

- [ThinkFun.com/Products/Rush-Hour-Jr](https://www.thinkfun.com/products/rush-hour-jr)

Dice Games

Kindergarten and up

Use tactile or large print dice

- [YouCubed.org/Resources/Dice-Games-K-12/?utm_source=Youcubed+Updates&utm_campaign=40e5bc2Bad-EMAIL_CAMPAIGN_2020_03_18_04_51_COPY_01&utm_medium=Email&utm_term=0_230e567c40-40e5bc2bad-164468601](https://www.youcubed.org/resources/dice-games-k-12/?utm_source=Youcubed+Updates&utm_campaign=40e5bc2Bad-EMAIL_CAMPAIGN_2020_03_18_04_51_COPY_01&utm_medium=Email&utm_term=0_230e567c40-40e5bc2bad-164468601)

Mancala

1st grade and up

Accessible, tactile game. Mancala is one of the world's oldest and best-loved games. Players take turns scooping up the special marbles and counting them out one at a time into the pockets on the board. When they drop a marble into an empty pocket on their side of the board, they capture all the stones in the opposite pocket. It sounds like a simple marble game, but it's got plenty of strategy and it reinforces STEM skills such as counting and strategic planning. The winner is the player who collects most of the marbles.

- [PressmanToy.com/Product/Folding-Wood-Mancala](https://www.pressmantoy.com/Product/Folding-Wood-Mancala)