

Math Games and Activities for Home for Students with Visual Impairments – 4th grade and Up

Albert's Insomnia

4th grade and up

Can use a set of regular braille playing cards to play this game. Albert's Insomnia is a mental math game using math operations, which can be differentiated for all grades, inclusive of K-5, 6-8 and even high school level students (when factorials and exponents are incorporated into the game). Educators using Albert's Insomnia report playing helps with: mental math; math facts; learning order of operations; developing attention span and concentration, aiding students with ADD/ADHD; communication and social interaction skills practice; critical and creative thinking skills practice; building self-esteem; gives reluctant math students another chance to find math enjoyable!

- [Amazon.com/Alberts-Insomnia-Math-Learning-Card/dp/B0049AT382/ref=cm_cr_ar_p_d_product_top?ie=UTF8](https://www.amazon.com/Alberts-Insomnia-Math-Learning-Card/dp/B0049AT382/ref=cm_cr_ar_p_d_product_top?ie=UTF8)
- [SummerBookCompany.com/Store/Alberts-Insomnia-Card-Game-p141121054](https://www.summerbookcompany.com/Store/Alberts-Insomnia-Card-Game-p141121054)

Rummikub Rummy Tile Game

4th grade and up

May be good for some low vision students. Rummikub is one of the most beloved games in the world. It features simple rules that are easy to learn but with game play that rewards critical thinking. This rummy tile game is suitable for both children and adults alike. It's similar in style to rummy but it uses gorgeous tiles that have a more substantial feel than playing cards. It takes just a minute or two

to set up so you can get to playing right away. You get enough pieces for up to four people to play at once.

- [Amazon.com/Rummikub-Original-Rummy-Tile-Game/dp/B00000IZJB](https://www.amazon.com/Rummikub-Original-Rummy-Tile-Game/dp/B00000IZJB)

24

4th grade and up

Parents would read numbers to student. Make the number 24 from the four numbers shown. You can add, subtract, multiply and divide. Use all four numbers on the card, but use each number only once. You do not have to use all four operations. To simplify give students 3 numbers, not 4.

- [24Game.com/T-About-HowToPlay.aspx](https://www.24Game.com/T-About-HowToPlay.aspx)
- Also, offered as an app: [24Game.com/T-24GameApp.aspx](https://www.24Game.com/T-24GameApp.aspx)

Which One Doesn't Belong?

4th grade and up

A website dedicated to providing thought-provoking puzzles for math teachers and students alike. There are no answers provided as there are many different, correct ways of choosing which one doesn't belong.

- [WODB.ca](https://www.WODB.ca)

OverUnder

5th grade and up

Accessible, number based auditory trivia game. Parent would have to read the cards. How many bricks are in the Empire State building? How far away is Pluto? Make your best guess in this party game of estimating far-out facts. Draw a card and ask others for their best estimate to one of 600 questions. Then decide

whether their answer is either OVER or UNDER the correct amount. Collect the most cards and guess what? You win!

- GameWright.com/Product/OverUnder

Ninety-Nine or Bust

5th grade and up

Make your own set of cards, 0 through 9, -10, and 99 using index cards with or without braille. A family card game that involves strategy with simple addition that's played in short, quick rounds. The object is to not lose a round. Think fast, because if your score goes higher than 99, you bust! Any player who cannot keep the count at, or below 99, loses the round. To simplify play without the tokens.

- Amazon.com/Legendary-Games-23001-Ninety-Nine-Bust/dp/B00179XV00

BlackJack (21)

5th grade and up

Play with braille/large print cards and poker chips. Each participant attempts to beat the dealer by getting a count as close to 21 as possible, without going over 21. Students practice addition facts, number sense and probability.

- BicycleCards.com/How-to-Play/BlackJack

Cribbage

6th grade and up

Large print or braille playing cards. Cribbage is one of the best, most enduring two-hand games, entertaining players as far back as the seventeenth century.

- BicycleCards.com/How-to-Play/Cribbage