

DyscalculiaGames

GAME SPECIFICS:

Tool type: Digital Learning Game

Our inspiration: Math / numeracy development

Format: Online

Time needed: Flexible (depends on the selected game)

SET-UP

- A computer, tablet, or smartphone
- Internet connection
- Access to the DyscalculiaGames website: (<https://www.dyscalculiagames.com>)

Number of participants: 1

Focus (SLD topic)

- Dyscalculia
- Number sense difficulties
- Basic arithmetic challenges

GAME OVERVIEW

DyscalculiaGames is a collection of interactive online games designed to support learners who struggle with numbers. The platform combines educational content with game-based learning by offering a variety of short interactive challenges that focus on counting, number recognition, number sense, and basic arithmetic. Users can choose from different games and gradually progress by practising increasingly challenging mathematical concepts at their own pace. Each activity provides immediate feedback, encouraging learners to correct mistakes, repeat tasks, and improve accuracy through practice. The combination of clear goals, interactive gameplay, progressive challenge, and instant responses helps maintain motivation while building confidence and mathematical understanding in an accessible and engaging way. The platform is particularly suitable for learners with dyscalculia, as it breaks down mathematical concepts into manageable, game-based activities.

INSTRUCTIONS / STEPS

1. Open the DyscalculiaGames website (<https://www.dyscalculiagames.com>) and choose a game from the list.
2. Read or follow the on-screen instructions provided for that specific game.
3. Begin playing by completing the math-related tasks (e.g., identifying numbers, solving simple operations).
4. Repeat the activity to reinforce understanding and improve accuracy.
5. Try different games to practice various math skills and gradually increase difficulty.

