

Reviewer's Guide to NumberMaze® Challenge

Children love to play with mazes. NumberMaze Challenge 3.1 is a game to reinforce math skills taught in the classroom. NumberMaze Challenge directs kindergarten to sixth grade students through core math curriculum skill building. The depth of play in NumberMaze Challenge provides more than 200 hours of original math problems for each student.

Introducing NumberMaze Challenge 3.1

NumberMaze Challenge gives teachers and parents a specific solution to reinforce whole number math skills for children ages 5-12. As students navigate through increasingly complex mazes, they develop their math skills from counting to long division, with an infinite number of word problems. In addition, Great Wave Software gives teachers and parents the power to customize and manage a child's learning environment with CustomMaze 3.

What's New!

Great Wave Software has enhanced NumberMaze Challenge with new features, such as faster maze movement, and more short cut options to increase students' already high interest and motivation while ensuring more time is spent learning whole number math.

New Features:

- Faster maze movement, providing more quality learning time for skill building
- An ability to interrupt conversations with program characters, simplifying access to learning
- A shorter introduction, allowing movement directly into the math game

Installation

WINDOWS 3.1 INSTALLATION

- Insert the NumberMaze Challenge CD
- From the File menu, choose Run
- On the Command Line, type "D:setup"
- Press ENTER

MACINTOSH INSTALLATION

- Insert the NumberMaze Challenge CD
- Double click on the Installer icon
- Follow the instructions

WINDOWS '95 INSTALLATION

- Insert the NumberMaze Challenge CD
- Press the Install button when the NumberMaze Challenge screen appears
- Follow the instructions

Getting Started

NumberMaze Challenge Folder

- Double click on the NumberMaze Challenge Folder
- Double click on the NumberMaze Challenge icon

Add New Student Dialogue Box

- Click New Student. In the New Student dialogue box, enter your name and optional password, and select the appropriate pronoun.
- Click OK
- Once your new student information is set, you may bypass the introduction by clicking the mouse. You will automatically begin where you previously left off .

Curriculum & Problem Level Dialogue Box

- Select an appropriate curriculum and problem level
- Click OK

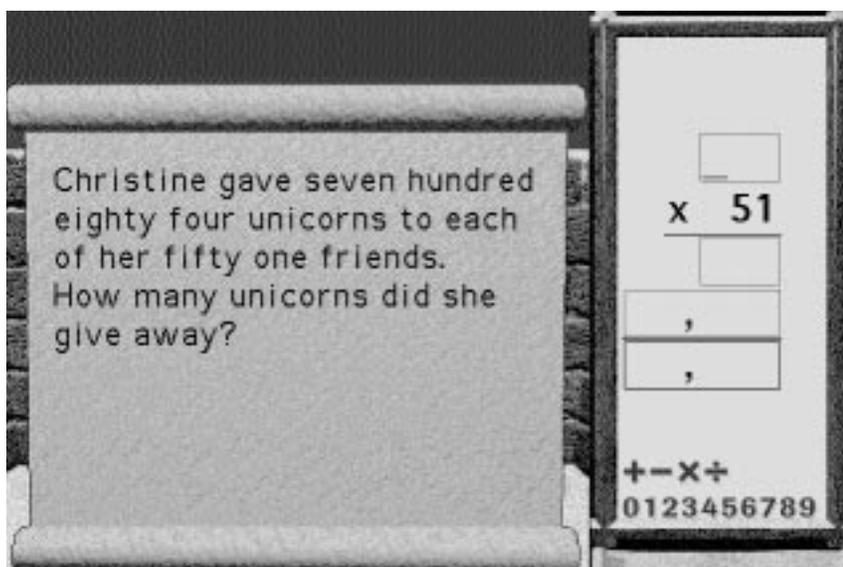
Four ways to change the curriculum & problem level while playing NumberMaze Challenge:

- Students automatically advance to the next problem level when they successfully complete the given problem level.
- Students may advance to the next problem level through the Math Menu.
- Teachers and parents can change the problem level in CustomMaze 3.
- Teachers and parents may use a shortcut to the Problem Level Dialogue Box by holding down two keys while selecting the name of the current problem level from the Math Menu.
MAC: Option & Command. WIN: Control & ALT

Moving Through The Maze

In NumberMaze Challenge you will pass through a maze, solving problems to open doors.

The screen shows a 3-D view of the maze on the left and an overhead map on the right. The goal is to successfully navigate through the maze and answer math problems. The goal of the game is to reach the castle, and win the reward and printed Certificate of Achievement.



Getting Help

Tutorials, reminders and hints are available in several formats for students in every section of the game. Teachers and parents can manage tutorial frequency through CustomMaze 3.

Concept Tutorials

Concept tutorials introduce and review math skills used in a given problem level. Such tutorials guide students step-by-step through new math skills.

Help Tutorials

Help tutorials are automatically available when a student gives several incorrect answers in any math problem.

Reminders

Reminders are automatically given to students who consistently make mistakes in a basic math rule. A friendly voice will remind the student of the rule. This feature is always active.

Math Menu

Students may use the Math Menu to see a Hint, view their success rate, or choose to have a New Problem. Select the Math Menu to see all available options.

Automatic Decrease Level Dialogue Box

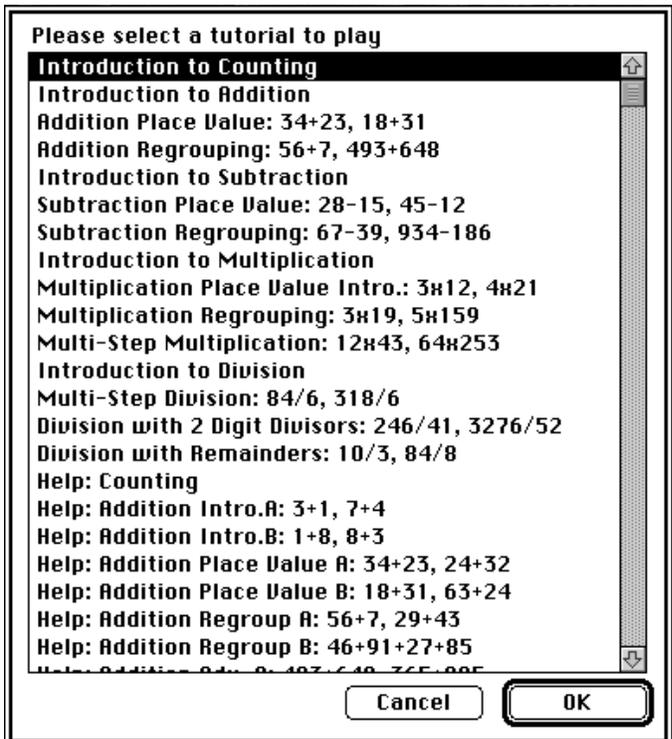
The Automatic Decrease Level Dialogue Box will appear if a student is having great difficulty. The following options will appear:

- Try Easier Problems. This allows the student to back up one level.
- Continue. This gives the student the option to continue at the current level.
- Start Over. If selected, the student will restart the level.

Statistics

NumberMaze Challenge automatically tracks students' progress. Statistical progress reports may be viewed by the student or teacher while in play by selecting Statistics under the Student Menu.

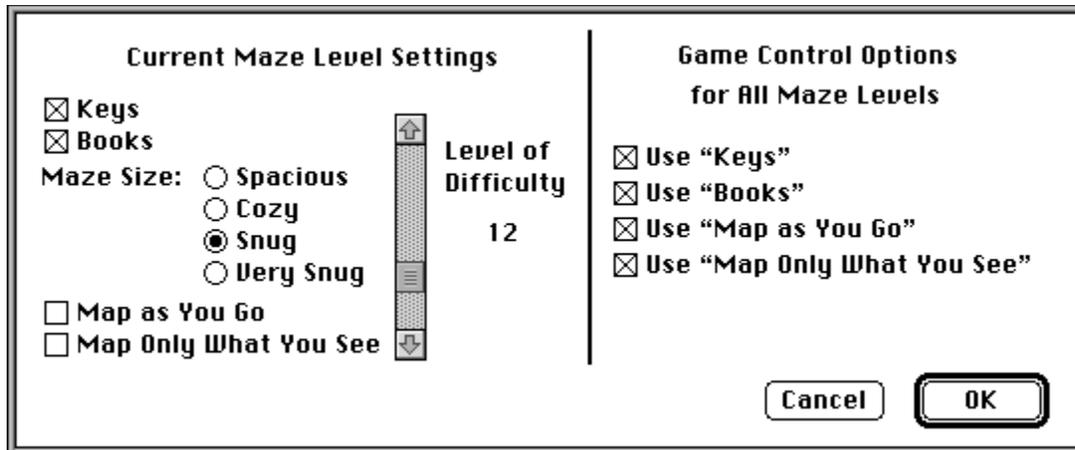
Teachers and parents may also view a Progress Report for one student or all students. A printed Progress Reports may be access from CustomMaze 3. To see more detailed information about a student's progress, click the Progress button at the bottom of the statistical report.



*While answering a problem, try this teacher/parent tutorial short cut to view available tutorials. Remember, tutorials cannot be interrupted once begun.
MAC - Press down Option/Command keys together while selecting "About NumberMaze Challenge" from the Apple Menu.
WIN - Press down Option/Command keys together while selecting "About NumberMaze Challenge" from the Help Menu.*

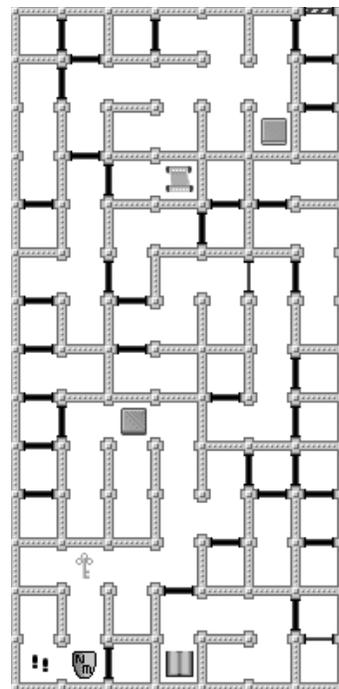
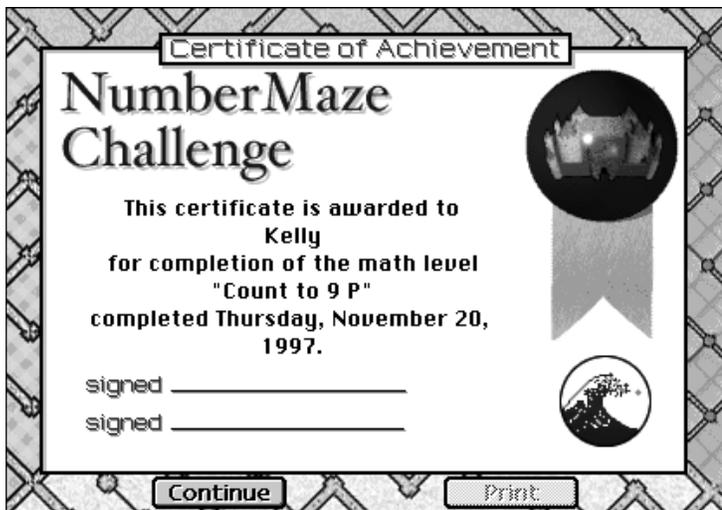
Maze Types

NumberMaze Challenge has 48 different maze types of increasing difficulty. Mazes can be spacious, cozy, snug and very snug. Doors can be locked, requiring a key. Sometimes players must collect four books before reaching the end of the maze. The scroll beneath the overhead map displays the number of keys and books the player has collected. To alter the maze, click on Change Maze in the Student Menu.



Certificate of Achievement

When you successfully complete a problem level, a Certificate of Achievement appears, and may be printed



*Sample overhead map,
Snug maze with books & keys*

CustomMaze™ 3

Introducing CustomMaze 3

CustomMaze 3 gives teachers and parents the power to customize a child's learning environment. An interactive utility program for curriculum selection and student record keeping, CustomMaze 3 helps teachers and parents meet student's diverse learning needs.

CustomMaze 3 in Action

1. NumberMaze Challenge Folder

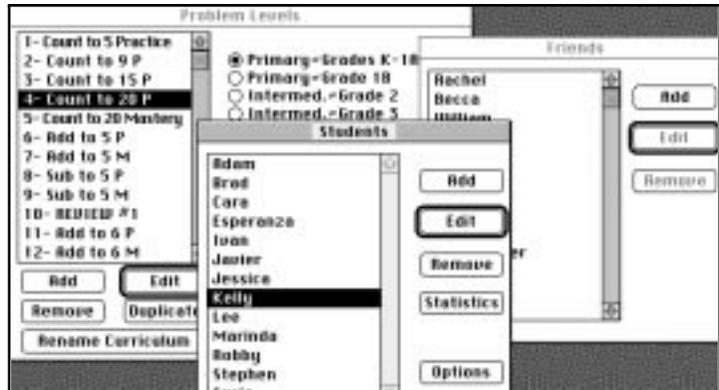
Locate & double click on the NumberMaze Challenge Folder in your hard drive. Inside you will find four items:

- CustomMaze 3
- NumberMaze Challenge
- NM Student
- NM Curriculum

2. CustomMaze 3 & NM Students

Locate & double click on CustomMaze 3. Now select NM Students in the open dialogue box. Three windows will pop onto the screen:

- Students
- Problem Levels
- Friends



2a. Students Window

The Students window allows educators to add/remove students, edit student information, view/print statistics, change student options & set tutorial use. Now add a student name. Click on the Options button to customize the program for an entire class.

2b. Problem Levels Window

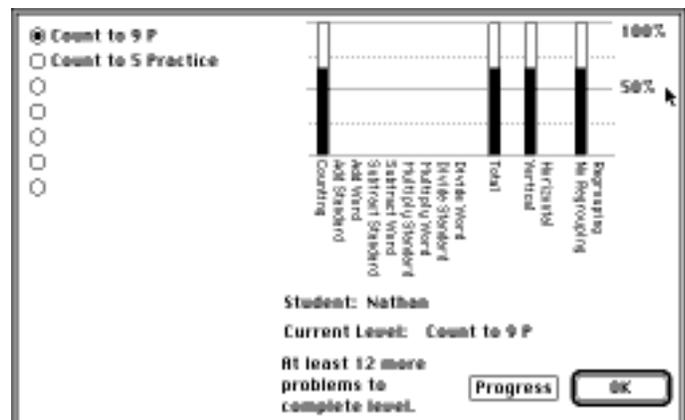
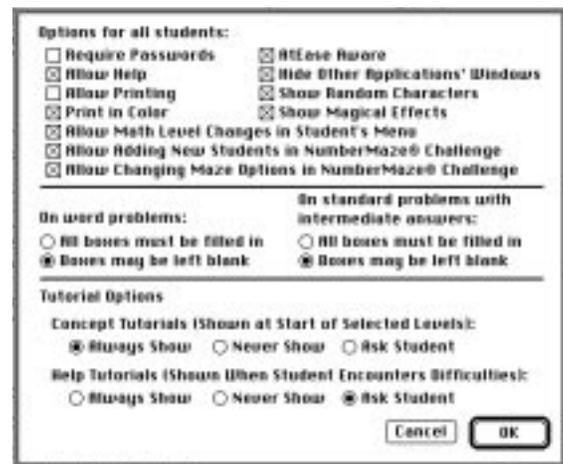
In this window, teachers and parents may add, edit, move, remove, duplicate and print the eight pre-defined curricula. You can also build your own curricula.

2c. Friends Window

The Friends window contains the list of names that NumberMaze Challenge will use when displaying word problems. Educators and parents may edit the list in order to personalize the game.

3. Statistics

Locate the Student window. Click on a student name. Click on the Statistics button. CustomMaze 3 offers teachers and parents a simple way to view and print periodic **Progress Reports**.



CustomMaze™ 3

Who benefits from CustomMaze 3?

Students will experience success in this directed learning environment, focused on individual skills and concepts appropriate to their learning level. As students navigate increasingly complex mazes, they progress from counting to long division at their own learning pace.

Teachers will discover that CustomMaze 3 helps them create directed learning environments for each student. This utility program gives teachers the power to manage student files for an entire class, while accommodating diverse learning needs.

Technology Coordinators will benefit from CustomMaze 3's ability to manage multi-class/multi-grade level student files. CustomMaze 3 helps technology coordinators integrate the core curriculum across grade levels within the computer lab.

NumberMaze Challenge 3.1
Reviewer's Fact Sheet

TOPIC	INFORMATION
Education Suggested Retail Price	\$59.95 for Mac/Win CD-ROM includes blackline masters & sample lesson plans
Upgrades	\$20.00
How to Order	(800) 423-1144, x249 sales@greatwave.com
Technical Support	(800) 423-1144, x223 support@greatwave.com
Company Address	5353 Scotts Valley Drive Scotts Valley, CA 95066
Web Address	www.greatwave.com
Press Contact	Catherine Wambach Scanlon & Associates, Inc. (505) 281-5324 cwambach@aol.com
MAC System Requirements	68040 Processor or Power PC 8MB RAM • System 7.1 & up 2x CD-ROM Drive • 256 Colors
WINDOWS System Requirements	486 Processor & up Windows 3.1, '95 & up 8 MB RAM • 256 Colors Mouse • Sound Card