



Wizardry - Proving Grounds of the Mad Overlord

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Additional Player's Guide v1.0 – 26 Jan 2023 by Snafaru

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Introduction

This guide complements the original Wizardry Proving Grounds of the Mad Overlord player's guide.

Included all that is necessary to get started using an Apple II emulator as well as tips, tables, lists.

Epilogue

Forty years after the last public release of Wizardry Proving Grounds of the Mad Overlord for the Apple II platform, Wizardry Proving Grounds Restored v2.2 was released!

The list of fixes is here:

<https://www.zimlab.com/wizardry/proving-grounds-restored/files/Wizardry-Proving-Grounds-Restored-v2.2-Readme.txt>

Downloads

Diskette images of Wizardry Proving Grounds Restored:

<https://www.zimlab.com/wizardry/proving-grounds-restored>

Email for help or feedback: snafaru@zimlab.com

Web Site: <https://www.zimlab.com/wizardry>

Early Survival Tips

Surviving until your characters reach character level 2 or 3 can be somewhat difficult.

To make it easier, use the Katino spell a lot on non-undead monsters.

Do not hesitate to Dispel undead monsters.

Fighters starting with 18 strength makes a big difference.

Backup your scenario often when you make progress, a simple copy/paste of the scenario diskette image will do. This way, if your party gets slaughtered, you can restart from your backup.

Diskette Images

The very first Wizardry, Proving Grounds of the Mad Overlord, was on two physical 5-1/4" floppy diskettes for the Apple II microcomputer. It was programmed in Pascal.

Fans all around the world have digitalized the contents of thousands of these diskettes into disk image files ending with the extension ".dsk". Think of each .dsk file being a physical diskette.

Here are the .dsk image files you will be working with through an Apple II emulator:

Disk Title: Wizardry Boot Disk

Disk Image File: Wizardry-Proving-Grounds-Restored-v2.2-Boot.dsk

- This is the newest boot (start) disk including the most recent fixes.
 - o No need to make this file read-only anymore since the write-protect check is disabled in this version.

Disk Title: Wizardry Scenario Disk

Disk Image File: Wizardry-Proving-Grounds-Restored-v2.2-Scenario.dsk

- This is the newest scenario disk including the most recent fixes.

AppleWin – An Apple][Emulator

AppleWin is currently the most popular, and still developed, Apple II emulator that runs on the Windows operating system.

The latest AppleWin version can be downloaded here: <https://github.com/AppleWin/AppleWin/releases>

For Mac users, the most popular Apple II emulator is Virtual][from: <https://www.virtualii.com/>

AppleWin Installation

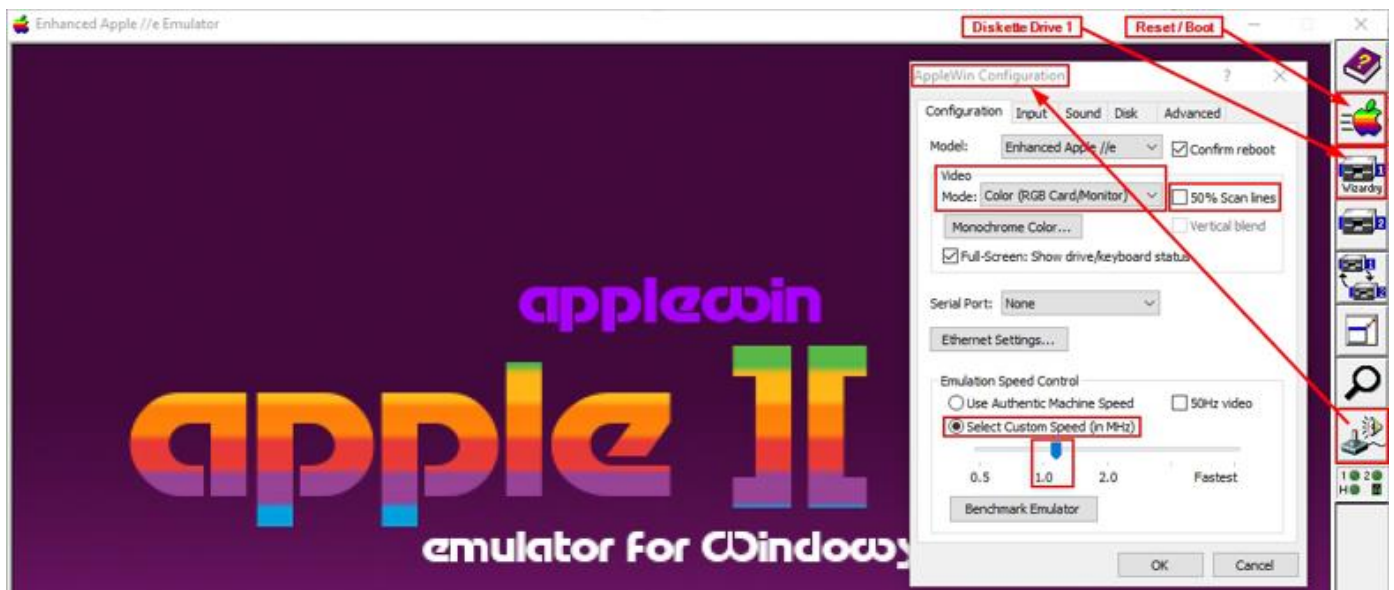
First, create a directory of your choice such as C:\Wizardry where you will put all the Apple II emulator files, the Wizardry disk image files, as well as companion files.

You can use Windows' file manager itself (Right click the .zip file > Extract All...) or any other popular zip file utility to unzip the emulator, disk image files, and companion files. For ease of use, you can unzip everything in the same folder.

How to start the emulator


From Windows, **run the “Applewin.exe” program to start the emulator**, or create a shortcut icon of it on your desktop and double-click it in order to start the emulator.

In the AppleWin emulator, click the “Joystick/Speaker” button and do the following configuration. Note: 50% scan lines is UNCHECKED. Note: CTRL-F6 switches between 1x size and 2x size the emulator window size is (2x size is best).




How to use the Emulator




The  button resizes the emulator to full screen and back, BUT... you probably will want to **use CTRL-F6 instead** to resize the emulator to 2x window size, which will work better with today's high-resolution monitors.



Use the  button to set the speed. You probably want maximum speed when modding. You probably want the speed set at 1.2x (original speed), or 2x when playing.



Use the  button to select the disk image to load in diskette drive 1. The computer always starts with this diskette drive.



Use the  button to Start/Run/Reboot/Reset the computer.



F1 -- Help:

Displays the help file that you are currently reading.



F2 -- Run/Reboot:

Starts the emulated machine if it is not currently running, or reboots (power-cycles) it if it is currently running. (Use Ctrl+F2 or Ctrl+Break to simulate Ctrl+Reset.)



F3 -- Drive 1:

Selects a disk image file for drive 1.

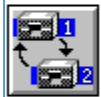
Use the right mouse button for a context menu to "Eject", "Read / Write", "Read only" or "Send to CiderPress".



F4 -- Drive 2:

Selects a disk image file for drive 2.

Use the right mouse button for a context menu to "Eject", "Read / Write", "Read only" or "Send to CiderPress".



F5 -- Swap Disks:

Swap the disks in drives 1 and 2.



F6 -- Window Size/Full Screen:

Toggle between windowed and full screen video modes. (Use Ctrl+F6 to toggle between 1x and 2x window sizes.)



F7 -- Debug:

Displays the actual assembly language instructions that the emulated machine is executing.



F8 -- Configure:

Allows you to customize the emulated machine, and the way the Apple's input and output devices are mapped onto your PC's input and output devices.

Start the Game

Once you have started the emulator, load your diskette image files this way:

1. Click the Diskette Drive 1 button on the toolbar and select the disk image file, for example to run the Wizardry game: **Wizardry-Proving-Grounds-Restored-v2.2-Boot.dsk** (Remember that file's attribute must be set to read-only).
2. Click the Run/Reset/Boot button (that is the button representing an Apple) on the toolbar to boot that disk.
3. Press the space bar to end the splash introductory graphics screen and press S)TART.
4. The emulator then asks: SCENARIO MASTER IN DRV 1, PRESS [RET]. Click the Diskette Drive 1 button on the toolbar and select the disk image file **Wizardry-Proving-Grounds-Restored-v2.2-Scenario.dsk** and press the Enter/Return key.
5. The emulator then asks: MASTER/DUPLICATE IN DRV 1, PRESS [RET]. Press the Enter/Return key once more without changing disks.
6. The game starts at the C)astle:
 - Go to E)dge of Town, then T)raining Grounds to create character.
 - Go to G)ilgamesh' Tavern to pick up your characters for your party of 6.
 - Go to E)dge of Town, then M)aze to start adventuring.
7. You can adjust the speed of the emulator by clicking the button representing a joystick and speaker, the original speed is 1.0 MHz. Suggest start at least at 1.2 Mhz. The game runs quite smoothly at 2.0 Mhz.

The game starts at the Castle. To create your characters, choose option E) Edge of Town, and then T) Training Grounds. There are sample characters available for a quick start.

You will need to create a party of at least 6 characters to begin with. Note that only the first three characters of your party can fight hand to hand. If characters die, then they are placed at the end of the party for the remainder of your trip in the maze and others move ahead one spot. The last three characters in you party are usually of the magic using types. You can replace characters at will at the Gilgamesh's Tavern in the Castle. You can create a maximum of 20 characters per scenario disk.

There are 5 races to choose from:

Race	Beginning characteristics						Total
	Strength	I.Q.	Piety	Vitality	Agility	Luck	
Human	8	8	5	8	8	9	46
Elf	7	10	10	6	9	6	48
Dwarf	10	7	10	10	5	6	48
Gnome	7	7	10	8	10	7	49
Hobbit	5	7	7	6	10	15	50

Characteristic increase when leveling up at the Adventurer's Inn.

There are 8 classes to choose from:

Classes	Alignment
Fighter	Any
Mage	Any
Priest	Good or Evil
Thief	Neutral or Evil
Bishop	Good or Evil
Samurai	Good or Neutral
Lord	Good
Ninja	Evil

Good and Evil characters cannot be in the same party.

Here are the classes' minimum characteristics:

Classes	Abilities	Minimum characteristics
Fighter	Fighter	Strength: 11
Mage	Mage spells	I.Q.: 11
Priest	Priest spells, dispel	Piety: 11
Thief	Fighter, identify/disarm chests	Agility: 11
Bishop	Mage and priest spells, dispel, id items	I.Q.: 12, Piety: 12
Samurai	Fighter, mage spells (begin at level 3)	S: 15, I: 11, P: 10, V: 14, A: 10
Lord	Fighter, priest spells (begin at lvl 3), dispel	S: 15, I: 12, P: 12, V: 15, A: 14, L: 15
Ninja	Fighter, id/disarm chests, natural armor	All 17

Tip: The Elf, Dwarf, Gnome, are the easiest to make a starting Samurai. They require only 18 random points to assign while creating it. You cannot create a starting Lord. You can switch classes at the Training Grounds whenever you reach the necessary minimum requirements for a particular class.

What If...

What if you are having a hard time beating some monsters.

1. A balanced party makes a big difference. For example, a party of 2 fighters, a thief, a priest, a bishop, and a Mage make a strong starting party. The bishop can be swapped for another character at level 7 or 8 since it can identify items as needed and it costs just too much experience points to level it up more. Use the Katino spell often in the beginning to slow down the competition, and do not be afraid of using the Dispel ability onto undead monsters. Level 1 fighters with 18 strength help a lot when starting the game.
2. Maybe your party is not strong enough yet to take on those monsters. Take on easier monsters for a while to gain experience points and make a few levels then try those tough monsters again.
3. Try a different strategy, some spells work better against some monsters than others. In addition, some weapons do double damage against certain types of monsters, equip your party accordingly.
4. The deeper you go in the maze, the stronger the monsters. Encounters are random and you are bound to run into a very strong bunch of baddies from time to time. Also, it will happen that your characters will be at the wrong place at the wrong time and will get into big trouble. Backup the scenario disk image often to recover.

What to do if your entire party is slaughtered in the maze.

1. Backup the file scenario .dsk file often so that you can start over from where you last backed up.
2. Or, if you want to do it like in the old days, click the Apple button on the toolbar before you see the cemetery, if you are fast enough, it would be like hitting the famous RESET button on the original Apple II keyboard. After that you can insert and start the boot disk and go to the U)tilities, and then R)ecover your characters. A word of caution: if you click the button at the exact same time the cemetery is drawn there is a small chance to destroy the data on the disk image and you'll have to revert to 1. above.
3. Send the scenario to me at snafaru@zimlab.com and I will fix your characters. Or, use one of the Wizardry editors yourself to recover your characters.

Gaming Opportunities

Spoiler Alert!

There are a few places in the game that gives the player the opportunity for better loot and farming.

- On Level 1, North 5, East 13. You can enter the room as much as you want to farm the Murphy's Ghosts for a decent amount of experience points.
- On Level 1, North 19, East9. Entering this room teleports you directly to the Castle.
- On Level 3, North 17, East 13. There is a special encounter with slightly stronger monsters for better loot. This special encounter occurs only 5 times.
- On Level 4, North 16, East 10. You can enter the room as much as you want to farm monsters which incidentally also give some loot.
- On Level 7, North 9, East 2. There is a special encounter with Fire Dragons for better loot. This special encounter occurs only 4 times.

Game tips and calculations

The Bishop has the ability to identify correctly items found in the maze. The alternative is to pay for this service at Boltac's.

The Temple of C)ant at the Castle helps revive dead or incapacitated characters. See important notes about resurrection at the end of the Priest spells list.

Fighter, Samurai, and Lord get 1 extra attack for every 5 levels, the Ninja has one extra swing on top of that which means a Level 1 Ninja starts with 2 swings.

Fighter, Priest, Samurai, Lord, and Ninja have a naturally higher hit probability than other classes.

If unarmed, the Ninja's AC (Amour Class) = $(\text{Ninja Level} / 3) - 2$. The -2 here is a good thing.

If a Ninja hits with damage, then the Ninja has $(10 * \text{Level})\%$ chance with a maximum of 50% chance to score a Critical Hit, then the monster has $((\text{Monster Level} + 10) / 35)\%$ chance to avoid it, which means a monster over Level 25 cannot be Critically Hit.

The younger you are the more chances you will gain attributes when leveling up (ex: 86% at age 18).

Your characters' Strength has effect on the hit chance probability and damage per swing:

Strength 3: -15% chance to hit, -3 damage per swing

Strength 4: -10% chance to hit, -2 damage per swing

Strength 5: -5% chance to hit, -1 damage per swing

Strength 16: +5% chance to hit, +1 damage per swing

Strength 17: +10% chance to hit, +2 damage per swing

Strength 18: +15% chance to hit, +3 damage per swing

So, for example, your Level 10 Ninja with a Strength of 18 can do up to 12 free damage points per attack with his 4 swings, all of it with 15% more chance to hit, this is significant.

The higher you I.Q. (Mage Spells) and Piety (Priest Spells), the faster you learn much needed spells. It really is great to get two Malor spells at level 13 for a Mage for example.

Fighter, Lord gain 1 to 10 hit points per level on average.

Priest, Samurai gain 1 to 8 hit points per level on average.

Thief, Bishop, Ninja gain 1 to 6 hit points per level on average.

Mage gain 1 to 4 hit points per level on average.

Your characters' Vitality has an effect on how many hit points are gained per level up:

Vitality 3: -2 hit points per level

Vitality 4,5: -1 hit points per level

Vitality 16: +1 hit points per level

Vitality 17: +2 hit points per level

Vitality 18: +3 hit points per level

This is the most important stat of your character, no doubt. Also, the higher your Vitality the higher the chances you will survive a resurrection attempt.

Initiative, or if you prefer whom goes first in a battle, is a random number of 1 to 10 with 1 being first and is modified by your character's Agility:

Agility 3: +3

Agility 4,5: +2

Agility 6,7: +1

Agility 15: -1

Agility 16: -2

Agility 17: -3

Agility 18: -4

By the way, the monsters' initiative is a random number of $((1 \text{ to } 8) + 2)$.

The Thief has $6 * \text{Agility} \%$ chance to identify a trap, the Ninja $4 * \text{Agility}$, Calfo has 95% chance. Agility also helps not setting off a trap (89.5% chance at Agility 18) if your disarm failed.

The higher your Luck the greater the chance (5% at 6, 10% at 12, 15% at 18) you will avoid being Poisoned, Stoned, Paralyzed or Auto-Killed (Critically Hit), or reduce Breath attack damage by half, as well as escape Anti-Mage, Anti-Priest, and Poison Gas traps.

On top of Luck, you have a character's $(\text{Level} * 2) \%$ chance up to a maximum of 50 % to avoid being Critically Hit.

Resistances bonuses:

- vs. Poison & Paralysis: Fighter 15%, Samurai 10%, Lord 10%, Ninja 15%, and if race is Human 5%.
- vs. Stoning: Priest 15%, Bishop 10%, Lord 10%, Ninja 10%, and if race is Gnome 10%.
- vs. Breath Attacks: Thief 15%, Ninja 15%, and if race is Dwarf 20% to reduce the Breath damage by half.
- vs. Poison Gas chest trap: Thief 15%, Ninja 15%, and if race is Dwarf 20%.
- vs. Anti-Mage and Anti-Priest chest trap: Mage 15%, Bishop 10%, Samurai 10%, Ninja 10%, Hobbit 15%
- vs. all of the above: 5% for every 5 Levels of your character.

You will encounter a maximum of 2 monster groups on level 1, a maximum of 3 on level 2, and up to 4 beyond.

You will encounter a maximum of 5 monsters per monster group on level 1, 6 on level 2, 7 on level 3, 8 on level 4, and 9 beyond.

Each party member has ($IQ + Piety + Level$) % chance to identify correctly monsters.

The way the monster's magic resistance works is in two main steps:

- First, a % saving thrown against their natural Magic Resistance, which is for most a low number.
- Second, all other magic calculations depend on your and their: Level, resistances (Fire, Cold, Etc.), properties (Stone, Paralyze, Etc.), class (Fighter, Dragon, Undead, Etc.), Luck, condition (Asleep, Held, Silenced, etc.), and base, minimum, and maximum chances.

When you hit a sleeping or held monster you do double damage!

Your character's chance to recuperate from Katino is ($10 * Character Level$) % up to a maximum of 50%.

Monsters of Level 6 or lower have less chance to recuperate from Manifo than from Katino, after Level 6 it is the same.

Montino has a 10% better chance to work than Manifo.

A monster has ($6 * monster Level$) % chance to resist Lakanito.

There is a minimum 5% chance to resist Katino, Manifo, Montino.

A monster has a minimum 25% chance to resist Badi.

The Priest has the ability to dispel undead creatures back to their plane! The Bishop (beginning at level 4 but with 20% less chance) and Lord (beginning at level 9 but with 40% less chance) have the same dispel ability. Although you do not get experience points for dispelling undeads, it may save your life!

More game code calculations and formulas about characters, combat, spells, monsters, experience, treasures and traps are available here: <https://www.zimlab.com/wizardry/walk/wizardry-123-game-calculations.htm>

Addendum I – Game Commands

The places to go at the Castle (this is where you begin):

A)dvventurer's Inn	To rest and cure hit points lost as well as increase rank (level up).
G)ilgamesh' Tavern	To pick-up your characters for your party of up to 6 adventurers.
B)oltac's Trading Post	To buy weapons, armors, and magic stuff.
C)ant, The Temple of	To help someone in distress like stoned, dead, etc.
E)dge of Town	At the edge of town you have 4 options:
M)aze	To go on to the dungeon and your quest.
T)raining Grounds	To create your characters.
C)astle	To go back to the Castle.
L)eave the game	To quit playing.

The movement and other keys in the maze are (this is where you quest takes place):

Key	Movement
A (recommended) or L	Turn left.
W (recommended) or F	Move forward.
D (recommended) or R	Turn right.
K	Kick door open.
C	Setup a camp.
Q	Quick Plot (On/Off). Less sight distance for faster maze drawing.
T	Set time delay for messages (1-5000).
I	Inspect current location for dead or disbanded characters.
S	Refresh characters' status while travelling.
Pause	To stop the action in order to give you time to read the screen.

The camp options are (when your characters need to take a break in the maze):

Key	Option
R	Reorder your party members.
E	Equip all party members.
D	Disbands you party. Your party sets up a permanent camp and wait for your other adventurers to pick them up. This is a useful option if you feel that you party is too weak to make it back to the castle.
#	To inspect one your characters and give you a chance to safely cast healing spells and prepare to go on to your adventure.
L	Leave the camp.

Addendum II - Mage Spells Quick Reference Chart (Mage, Bishop, Samurai)

Spell	Lvl	Use When	Affects	Description
Dumapic	1	Camp	Party	Location in Maze
Halito		Combat	1 Monster	1-8 points of damage
Katino		Combat	1 Group	Monsters may fall asleep
Mogref		Combat	Caster	AC=AC-2
Dilto	2	Combat	1 Group	Monsters easier to hit (their AC=AC+2)
Sopic		Combat	Caster	AC=AC-4
Mahalito	3	Combat	1 Group	4-24 points of fire damage, less to fire-resist monsters
Molito		Combat	1 Group	3-18 points of lightning damage
Dalto	4	Combat	1 Group	6-36 points of cold damage, less to cold-res. monsters
Lahalito		Combat	1 Group	6-36 points of fire damage, less for fire-resist monsters
Morlis		Combat	1 Group	Monsters much easier to hit (their AC=AC+3)
Madalto	5	Combat	1 Group	8-64 points of cold damage, less to cold-res. monsters
Makanito		Combat	All Monsters	All monsters below level 8 die, undead are unaffected
Mamorlis		Combat	All Monsters	Monsters much easier to hit (their AC=AC+3)
Haman	6	Combat	Variable	See Note 1
Lakanito		Combat	1 Group	May kill monsters
Masopic		Combat	Party	AC=AC-4
Zilwan		Combat	1 Monster	Dispel one undead monster for 10-2000 damage
Malor	7	Any Time	Party	Teleport (to random location if cast during combat)
Mahaman		Combat	Variable	Improved Haman, see Note 1
Tiltowait		Combat	All Monsters	10-150 points of damage

Note 1: The effects of this spell are random, but usually helpful. The caster must be 13th level or higher, and loses 1 level of experience after casting it. There is a small chance ((RANDOM 0 to Character Level) = 5) casting it will make you unlearn some spells with the following message displayed “But his spell books are mangled!”

Haman has 3 possible effects:

1. “Dialko’s Party 3 Times” - cures Afraid, Asleep, Paralysis, Stoning, Silence, and Heals each character for $(9 * ((\text{RANDOM } 0 \text{ to } 7) + 1))$ Hit points.
2. “Zaps Monster Magic Resistance!” - the first 3 groups of monsters become non-resistant against damaging magic (0% chance saving throw against magic) and they are thereafter treated as being Level 1 for other calculations regarding the effects of spells.
3. “Heals Party!” - cures Afraid, Asleep, Paralysis, Stoning, Silence, and restores all Hit Points, except for those that are Dead or in Ashes.

Mahaman has 3 possible effects:

1. “Dialko’s Party 3 Times” - same as Haman.
2. “Silences Monsters!” - silences the first 3 groups of monsters for $((5 + (\text{RANDOM } 0 \text{ to } 4)))$ rounds.
3. “Destroys Monsters!” - all monsters’ Status=Dead and Hit Points=0

Addendum III - Priest Spells Quick Reference Chart (Priest, Bishop, Lord)

Spell	Lvl	Use When	Affects	Description
Badios	1	Combat	1 Monster	1-8 points of damage
Dios		Any Time	1 Person	Cure 1-8 hit points
Kalki		Combat	Party	AC=AC-1
Milwa		Any Time	Party	Brief magical light
Porfic		Combat	Caster	AC=AC-4
Calfo	2	Looting	Caster	Identify trap on chests
Manifo		Combat	1 Group	Paralyze monsters
Matu		Combat	Party	AC=AC-2
Montino		Combat	1 Group	Silence monsters
Bamatu	3	Combat	Party	AC=AC-4
Dialko		Any Time	1 Person	Cure paralysis & sleep
Latumapic		Combat	Party	Identify monsters
Lomilwa		Any Time	Party	Enduring magical light (note1)
Badial	4	Combat	1 Monster	2-16 points of damage
Dial		Any Time	1 Person	Cure 2-16 hit points
Latumofis		Any Time	1 Person	Cure poison
Maporfic		Any Time	Party	AC=AC-2 (note 1)
Badi	5	Combat	1 Monster	May kill monster
Badialma		Combat	1 Monster	3-24 points of damage
Di		Camp	1 Person	Restore life (note 2)
Dialma		Any Time	1 Person	Cure 3-24 points of damage
Kandi		Camp	Caster	Locate person or body in the maze
Litokan		Combat	1 Group	3-24 points of fire damage, less to fire-resist monsters
Loktofeit	6	Combat	Party	Recall to castle (lose all items and most gold)
Lorto		Combat	1 Group	6-36 points of damage
Mabadi		Combat	1 Monster	Drains most hit points of monster
Madi		Any Time	1 Person	Cure all hit points and conditions except death
Kadorto	7	Camp	1 Person	Resurrect and cure all hit points (note 2)
Malikto		Combat	All Monsters	12-72 points of damage

Note 1: Effects last for the entire expedition.

Note 2: To resurrect with Di or Kadorto, the % chance is $(4 \times \text{Vitality})\%$ of the recipient, the recipient loses 1 Vitality. With the Temple of Cant which is much more reliable, the % chance is $50 + 3 \times \text{Vitality}$ if dead or $40 + 3 \times \text{Vitality}$ if ashes, the character Ages by 1 to 52 weeks.

Addendum IV – Equipment and Items

Wizardry #1 - Proving Grounds of the Mad Overlord

Items list - Apple Version

Restored Version 2.2 - 26 Jan 2023 - By Snafaru

Email - snafaru@zimlab.com

Web Site - www.zimlab.com/wizardry

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#           - Item number.
Value      - In gold pieces.
Class      - (f)ighter, (m)age, (p)riest, (t)hief
            (b)ishop, (s)amurai, (l)ord, (n)inja.
AC         - Armor class. The bigger the number the more protection it gives.
To Hit +   - Bonus or penalty for an attack to hit its target.
Damage     - Damages in hit points. Ex: d4 = 4 sided die.
            Ex: 2d4+1 = (1 to 4) + (1 to 4) + 1 = 3 to 9 damages per attack.
            Ex: 1d10+2 = (1 to 10) + 2 = 3 to 12 damages per attack.
# Swings   - The inherent number of attacks that the weapon does per round.
Special    - Permanent effects. As well as special effects, or spell, with a
            breaking probability (decay%) when the item's special is used.
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```

#	Weapon	Value	Class	AC	T	Damage	#	Special
					o		S	
							w	
					H		i	
					i		n	
					t		g	
					+		s	

4	Anointed Flail	150	fpsln		3	1d7+0	0	
3	Anointed Mace	30	fpbsln		2	2d3+0	0	
59	Blade Cuisinart	15000	fsln		6	1d3+9	4	
6	Dagger	5	fmtsln		1	1d4+0	0	
69	Dagger +2	8000	fmtsln		3	1d4+2	2	
72	Dagger of Speed	30000	mn	-3	-1	1d4+0	7	
33	Dragon Slayer	10000	fsln		1	1d10+1	0	Protection vs dragon
								Purposed vs dragon
82	Evil S-Sword +3	50000	ftsln		6	1d6+0	4	Evil only
81	Evil Sword +3	50000	fsln		7	1d10+3	4	Evil only

1 Long Sword	25 fsln	4 1d8+0	0	
17 Long Sword +1	10000 fsln	5 1d8+1	2	
42 Long Sword +2	4000 fsln	6 1d10+2	3	
29 Long Sword -1	1000 fsln	-1 1d8+0	0	Cursed
19 Mace +1	12500 fpbsln	3 2d4+1	2	
44 Mace +2	4000 fpbsln	4 1d8+2	2	
31 Mace -1	1000 fpbsln	-1 2d3+0	0	Cursed
70 Mace -2	8000 fpbsln	0 1d8+0	0	Cursed
57 Mace Pro Poison	10000 fpbsln	3 1d8+0	2	Resist Poison
				Purposed vs insect
56 Mage Masher	10000 ftsln	5 1d6+1	2	Protection vs mage
				Purposed vs mage
86 Muramasa Blade	1000000 s	8 10d5+0	3	Decay 50%, special #1(strenght +1)
2 Short Sword	15 ftsln	3 1d6+0	0	
18 Short Sword +1	15000 ftsln	4 1d6+1	2	
43 Short Sword +2	4000 ftsln	5 1d6+2	3	
30 Short Sword -1	1000	-1 1d6+0	0	Cursed
68 Short Sword -2	8000 ftsln	1 1d6+0	0	Cursed
87 Shuriken	50000 n	7 1d5+10	3	Evil only. Decay 50%, special #22(h.p.+1). Resist poison and leveldrain. Autokill
5 Staff	10 fmptbsln	0 1d5+0	0	
32 Staff +2	2500 fmptbsln	2 1d4+2	0	
71 Staff -2	8000 fmptbsln	-2 1d4+0	0	Cursed
20 Staff of Mogref	3000 mb	1 1d6+0	0	Decay 25%(mogref)
58 Staff/Montino	15000	1 1d5+1	0	Decay 10%(montino), then becomes staff
83 Thieves Dagger	50000 tn	5 1d6+0	4	Decay 100%, special #17 (change class to ninja)
55 Were Slayer	10000 fsln	5 1d10+1	2	Protection vs were Purposed vs were

#	Armor	Value	Class	AC	Special
12	Breast Plate	200	fpsln	4	
26	Breast Plate +1	1500	fpsln	5	
79	Breast Plate +2	10000	fpsln	6	
84	Breast Plate +3	100000	fpsln	7	
37	Breast Plate -1	1500	fpsln	3	Cursed
76	Breast Plate -2	8000	fpsln	2	Cursed
11	Chain Mail	90	fpsln	3	
23	Chain Mail +1	1500	fpsln	4	
49	Chain Mail +2	6000	fpsln	5	
36	Chain Mail -1	1500	fpsln	2	Cursed
75	Chain Mail -2	8000	fpsln	1	Cursed
88	Chain Pro Fire	150000	fpsln	6	Resit fire
73	Cursed Robe	8000	fmptbsln	-2 -2	Cursed
62	Evil Chain +2	8000	fpsln	5	Evil only
89	Evil Plate +3	150000	fpsln	9	Evil only
10	Leather Armor	50	fptbsln	2	
22	Leather +1	1500	fptbsln	3	
48	Leather +2	6000	fptbsln	4	
35	Leather -1	1500	fptbsl	1	Cursed
74	Leather -2	8000	fptbsln	0	Cursed
85	Lord's Garb	1000000	1	10	Special #23(heal all h.p.). Decay 50%. Regeneration +1. Prot. vs mythical, dragon.
63	Neut P-Mail +2	8000	fpsln	7	Neutral only
13	Plate Mail	750	fsln	5	
24	Plate Mail +1	1500	fsln	6	
50	Plate Mail +2	6000	fpsln	7	
9	Robes	15	fmptbsln	1	

# Shield	Value	Class	AC	Special
64 Evil Shield +3	25000	fptsln	5	Evil only
8 Large Shield	40	fpsln	3	
25 Shield +1	1500	fptsln	4	
51 Shield +2	7000	fptsln	5	
90 Shield +3	250000	fptsln	6	
38 Shield -1	1500	fptsl	-1	
77 Shield -2	8000	fptsln	0	Cursed
7 Small Shield	20	fptbsln	2	

# Helmet	Value	Class	AC	Special
78 Cursed Helmet	50000	fsln	-2 -2	Cursed
66 Diadem of Malor	25000	fmptbsln	2	Decay 100%(malor), then becomes helm
14 Helm	100	fsln	1	
34 Helm +1	3000	fsln	2	
52 Evil Helm +2	8000	fsln	3	Evil only

# Gauntlets	Value	Class	AC	Special
47 Copper Gloves	6000	fsln	1	
80 Silver Gloves	60000	fsln	3	

#	Miscellaneous	Value	Class	AC	Special

65	Amulet/Makanito	20000	fmptbsln		Decay 5%(makanito)
60	Amulet/Manifo	15000	p		Decay 10%(manifo)
0	Broken Item	0			
93	Deadly Ring	500000	fmptbsln		Cursed. Regeneration -3
39	Jeweled Amulet	5000	fmptbsln		Decay 0%(dumapic)
91	Ring of Healing	300000	fmptbsln		Regeneration +1
54	Ring of Porfic	10000	fmptbsln		Decay 5%(porfic)
92	Ring Pro Undead	500000	fmptbsln		Protection vs undead
61	Rod of Flame	25000	mbs		Decay 10%(mahalito)
					Resist fire
94	Werdna's Amulet	1E+12	fmptbsln	10	Evil only. Cursed.
					Special #23(heal all h.p.).
					Decay 0%(malor).
					Regeneration +5.
					Protection vs all except
					enchanted. Resist all

#	Scroll	Value	Class	AC	Special

100	Blue Ribbon	0			
97	Bronze key	0			
15	Dios Potion	500	fmptbsln		Decay 100%(dios)
99	Gold Key	0			
16	Latumofis Potion	300	fmptbsln		Decay 100%(latumofis)
53	Potion of Dial	5000	fmptbsln		Decay 100%(dial)
41	Potion of Sopic	1500	fmptbsln		Decay 100%(sopic)
67	Scroll/Badial	8000	fmptbsln		Decay 100%(badial)
27	Scroll/Badios	500	fmptbsln		Decay 100%(badios)
40	Scroll/Badios	500	fmptbsln		Decay 100%(badios)
46	Scroll/Dilto	2500	fmptbsln		Decay 100%(dilto)
28	Scroll/Halito	500	fmptbsln		Decay 100%(halito)

21 Scroll/Katino	500 fmptbsln	Decay 100%(katino)
45 Scroll/Lomilwa	2500 fmptbsln	Decay 100%(lomilwa)
98 Silver Key	0	
95 Statuette/Bear	0	
96 Statuette/Frog	0	