Bubble Bobble FAQ Version 2.3 (12/03/2024)
Welcome to my update of the Bubble Bobble FAQ. Since Bubble Bobble has now been emulated thru the efforts of MAME a lot more information about the game has come to light, especially from the author of the MAME driver Chris Moore. He was able to delve deep into Bubble Bobble ROMS and extract all sort of wonderful information about my favourite game, stuff we all thought was random, but now we know better. Contact me guruchoc@arcadeheaven.com if you ever have anything to add. If that address is no longer valid, you can always do a search for "Bubble Bobble Home Page" on any search engine and you should be able to locate me. This FAQ is based on the ARCADE version of the game only.

## What is Bubble Bobble?

Bubble Bobble was an arcade game released by Taito in 1986. You have to guide the two hero's Bub and Bob through 100 levels of adventure to rescue their girlfriends. It was one of the first two player co-operation games (although all co-operation goes out the window when a 50,000 pt diamond goes down the middle of the screen and you race to see who can get the points first ). It was one of the first games to have joystick combinations that allow you to power-up your original characters. It has spawned a couple of sequels, Rainbow Islands ( a much better, but harder to find game ), Parasol Stars and in the last few years Bubble Symphony and Bubble Symphony. There is also the Puzzle Bobble (Bust-A-Move) series of games that unite Bub and Bob together in a completely different, but as playable games.

## Bubble Bobble Gameplay

One of the great things about this game was all of the different hidden things that were discovered by playing the game. Basically you have to clear each room of all the enemies to let you advance to the next room. You did this by trapping the enemy inside your bubbles and then bursting the bubbles. Along the way you could pick up powerups and extra weapons that were only available for that room, some stayed with you until you died. As a rule only one food bonus and one weapon bonus per room.
The basic power-ups are as follows
Yellow bubblegum (sweeties)-increase bubble firing speed.
Purple bubblegum (sweeties)- make the bubble travel further.
Blue bubblegum (sweeties)-increase the bubble speed across screen.
Red shoe-faster moving Bub and Bob.
Other special powerups are
Candy canes-when the last enemy is killed all remaining bubbles turn into fruit as well as a large bonus from 10,000 to 70,000 pts.
Treasure chest-similar effect to candy canes except diamonds fall.
Clock/Watch-stops level timer and changes screen colour.
Red trophy- give you all the basic power-ups.
Purple trophy-smart bomb, kills all enemy and turns them into diamonds.
Blue trophy-gives you extra points when you run along the ground.
Purple bomb-kills all enemy and turns them into diamonds.
Blue cross-fills the screen with water and turns enemy into diamonds.
Red cross-lets you shoot fireballs and turn the enemy into diamonds.
Yellow cross-causes lightning to come down the screen and turns enemy into diamonds.
Bomb-kills all enemy on screen.
Blue umbrella-advance three rooms.
Yellow umbrella-advance five rooms.
Purple umbrella-advance seven rooms.
Diamond necklace-releases a ball that flies around the screen and turns enemy into diamonds.
Red Ring-gives you 100 pts for every bubble blown.
Silver Ring-creates a stream of stars that kill all enemy.
Blue Ring-gets points while running around.

Purple Ring-gives you 500 pts every time you jump. Bible/Book-smart bomb kills all enemy and turns into diamonds. Glowing love heart-enemy freeze and you can run into them. Potions-fill the screen with various items, collect all of these for a 100,000 pt bonus usually you share them if there is an equal number (grin)
Doorways-These appear if you can get to level 20, 30, and 40 without losing a man. Puts you in a bonus room full of diamonds. Getting to level 50 without dying advances you to level 70.
Fireball bubble-A very rare occurrence, gives you fireballs instead of bubbles for five rooms.
Fire Bubble-hop on this to make fire fall to the ground and kill enemy. Lightning Bubble-Fires lightning across the screen opposite to the way you are facing. Bell- Activates alarm that will warn the player that a secret weapon is about to appear (good for all subsequent levels and the rest of the game, regardless if the player dies). Skull-Turns the enemies fast and nasty.

How to make the letters appear
EXTEND-bubbles appear only on "open levels" (levels where bubbles fly in from a "hole" in the ceiling or the bottom)
EXTEND-bubbles appear only when you've popped in the previous non-open-stages more than 2 (or 3) enemy-trapped-bubbles at once. The more enemies popped at once, the more DIFFERENT EXTEND-bubbles will come. (I'm sure this is valid for ALL previous stages up to an "open-level"; I hope I've described that well!) It goes something like this: Enemies popped at a time Different EXTEND-bubbles to come 2 none 3142536475 8 ALL! (6)
When you're on an "open stage" you may want to try to pop more than 3 enemies at a time because the upper table applies to the CURRENT stage, too (if it is an "open stage" that is).

Secrets and hidden stuff
These codes must be entered on the title screen showing Bubble Bobble written inside a cloud.

LEFT JUMP LEFT 1P LEFT BUBBLE LEFT 1P- it will say power up at the bottom of the screen and you will have fast feet,fast bubbles, etc

BUBBLE JUMP BUBBLE JUMP BUBBLE JUMP RIGHT 1P-the screen will say original game mode and you will get the bonus doors whether you die or not.

1P JUMP BUBBLE LEFT RIGHT JUMP 1P RIGHT-this give you super on the title screen. You play the game with the monsters from the first 50 screens in the last 50 and visa-versa.

High score table tricks
One of the first games to feature bonuses when you entered the right initials in the high score table. Just finish a game and enter the initials below, the effects are described next to the initials. They mainly effect the second bonus object that appears on the first set. The best way to reap the rewards is to bubble the 3 monsters and wait for the second bonus to appear, get the bonus and then blow as many bubbles as possible so you get the maximum points available. You might want to blow bubbles and burst them while you wait or run along the bottom of the screen to make certain bonuses appear on the next level, read further down to see what I mean.

SEX pitch fork-flying cakes/beer/etc across the screen, turn enemies into 6 k diamonds
TAK octopus-turns bubbles into X's at end of level
STR flamingo-turns bubbles into smiling turds at end of level
KTT beer-turns bubbles into pizzas at end of level, what a perfect match !!!
... knife-flying cakes/beer/etc across the screen, turn enemies into 6 k diamonds
I.F

MTJ coke can-flying cakes/beer/etc across the screen, turn enemies into 6k diamonds

NSO treasure room. Normally, you only get treasure rooms if you have reached levels 20, 30 and 40 without dying, and you exit a treasure room if you die once, so the only way to do this is
if you are using the "original game" cheat that gives you treasure rooms anyway. When you 40 without dying, and you exit a treasure room if you die once, so the only way to do this is
if you are using the "original game" cheat that gives you treasure rooms anyway. When you lose your last dino in a treasure room, your level is recorded as 102, and then all the demo screens turn to treasure rooms and the next game you play you get a treasure room on level 1! Also, the fruit bonus is *not* random. If the hundreds and tens digits are the same when you kill the last enemy, all bubbles on the screen turn into fruit (the higher the level when you kill the last enemy, all bubbles on the screen turn into fruit (the higher the level
the higher fruit value). A nice trick here: Have one player ready to pop the last enemies, and have the other player shoot bubbles into a wall until the digits match... THEN have the first player kill them. You see, the game doesn't care WHOSE digits match - could be either. Bonus fruit on every round! When time runs out, and the skels come out to get you, if you die, when you're brought back to life, and STILL FLASHING (vital!), run over and touch your friend's skel.POOF! No more skel.
Other tricks and tips
This is one of the coolest cheats in Bubble Bobble. You get this if you lose your last dino in a

True ending to this game.
All you need to do is enter the Super Bubble Bobble cheat at the intro screen and finish the game with out losing a man (easier typed then done) when you finish the game you will see your parents rescued as well as your girlfriends. That's all there is too it.

## Bubble Bobble or Bobble Bobble

Bubble Bobble is the original version of the game and Bobble Bobble is the pirate copy, if you look at the cloud in the background you can see the bad job they did of hacking the graphics. There is also some variation in game play. On my board you can choose a Japanese version of the game that comes up with a copyright notice at the beginning or an English version of the game. There is no difference in the gameplay. On the original board you can switch between BB and Super BB. I have played a version where you could pick original on the board and on level 6, and subsequent levels, the guys in the white robes will roll rocks at you. There seems to be many variations of this game. Latest information suggest that there are at least 4 different rom sets for this game, eventually MAME will hopefully support them all.

## Other platforms

Bubble Bobble is available on the Apple II, IBM, Atari ST, C64/128, Amiga, Gameboy, Game Gear, Playstation, Saturn, MSX and NES. Rainbow Islands is available on C64/128,
Playstation, Saturn, Sinclair Spectrum, Amstrad CPC, Sega Master System, Atari ST, NES and Amiga. Parasol Stars is available on C64/128, Turbo Grafx16/Turbo Express, NES, Atari ST, Gameboy and Amiga. If you wish to play the actuall arcade game on your PC/MAC/Linux etc go get a copy of mame and enjoy it, MAME is actually the arcade game running on your machine, don't waste your time with the pathetic conversions that are out there, unless you just want them for having thems sake.

Arcade Board Pinouts
SOLDER SIDE PARTS SIDE
GND 01 GND
VIDEO RED 02 VIDEO GND

VIDEO GREEN 03 VIDEO BLUE
VIDEO SYNC 04 -5V
SOUND + 05 SOUND -
POST 06 POST
$106+12 \mathrm{~V} \quad 07+12 \mathrm{~V}$
107 COIN SWITCH A 08 COIN SWITCH B
108 COIN METER A 09 COIN METER B
109 COIN LOCKOUT A 10 COIN LOCKOUT B
110 SERVICE SWITCH 11 TITLE SWITCH
111 START PLAYER 12 START PLAYER 2
112 SPARE 13 SPARE
113 SPARE 14 SPARE
114 1P RIGHT 15 2P RIGHT
115 1P LEFT 16 2P LEFT
116 GND 17 GND
117 GND 18 GND
$118+5 V+19+5 V$
$119+5 V \quad 20+5 V$
120 1P BUBBLE 21 2P BUBBLE
121 1P JUMP 22 2P JUMP
123 Dip Switches
125 SWITCH A
126 1 $\begin{array}{lllllllll}1 & 2 & 3 & 4 & 5 & 6 & 7 & 8\end{array}$
127 GAME TYPE
128 BUBBLE BOBBLE OFF
129 SUPER BUBBLE BOBBLE ON
130 SCREEN
131 NORMAL OFF
132 REVERSE ON
133 MODE
134 PLAY OFF
135 TEST ON
136 ATTRACT SOUND
137 YES OFF
138 NO ON
139 COIN A
140 1 COIN 1 PLAY OFF OFF
141 1 COIN 2 PLAY ON OFF
1422 COIN 1 PLAY OFF ON
1432 COIN 3 PLAY ON ON
144 COIN B
1451 COIN 1 PLAY OFF OFF
1461 COIN 2 PLAY
1472 COIN 1 PLAY
ON OFF
OFF ON
1482 COIN 3 PLAY ON ON

151 SWITCH B
$\begin{array}{lllllllll}152 & 1 & 2 & 3 & 4 & 5 & 6 & 7 & 8\end{array}$
153 DIFFICULTY
154 NORMAL OFF OFF
155 EASY ON OFF
156 HARD OFF ON
157 VERY HARD ON ON
158 BONUS 1ST/2ND
159 30000/100000 OFF OFF
160 20000/80000 ON OFF
161 40000/200000 OFF ON
162 50000/250000 ON ON
163 LIVES
1643
1655 (FREE PLAY)
1661

OFF OFF
ON OFF
OFF ON

Why Shit Happens (or "what causes each special item to appear")
This list was made by Chris Moore, he wrote the driver for MAME and has found out much more than anyone could by just playing the game.

The game maintains a bunch of counters which keep a record of how many times you have done various things. Once a counter reaches its threshold, it is reset to zero and you get the item which that counter is associated with. Counters are only checked at the beginning of each round. If two or more counters reach their thresholds in the same round, the one which is associated with the highest numbered item is used. The other(s) will keep their value for the next screen. The counters aren't reset at the beginning of each game, which is why on the arcade game there is generally a special item on the first screen, but in the emulation the first game you play doesn't offer a special item, since the counters are all reset when the machine is first switched on.

In the following, the ITEM_DATA line contains:

```
    XXXX ( AA BB CC DD ) EE
```

XXXX is the address of the counter which is used
AA BB CC and DD are the 4 possible thresholds which the counter must reach before you get the item. Which one of the 4 values is used depends on the 'difficulty' setting that the game is currently running at:

CC for difficulty 00-04
DD for difficulty 05-07
BB for difficulty 08-0B
AA for difficulty 0C-1E
initial difficulties are: OD (v.hard), OA (hard), 04 (easy) and 07 (normal) for the 4 dip-switch settings. The difficulty changes throughout the game, going higher when you gain extra lives, lower when you die, and other things affect it, too, which I don't know about.

EE is non-zero if the bell should warn us that the item is around
The ITEM_ACTION sections (where I've put them in) are useful for 'cheating' in MAME. Where it's like 'IX+\$31', the address is E691+31 for P1 and E6C3+31 for P2. So, for example, a cheat would be:
boblbobl:0:e6f4:80:0:Long Range Bubbles (P2)
because e $6 \mathrm{c} 3+31$ is e6f4.
Special Items:
ITEM_NUMBER: 0/00
ITEM_DESCRIPTION: red and white sweetie -> long-range bubbles
ITEM_DATA: E5DF ( 23232323 ) 00
ITEM_COUNTER: bubbles blown
ITEM_ACTION: LD (IX+\$31),\$80
e5df is incremented each time a bubble is blown (by either player) so blow 35 or more bubbles and get a purple and white 'long-range bubbles' sweetie on the next level

ITEM_NUMBER: 1/01
ITEM_DESCRIPTION: purple and cyan sweetie -> fast bubbles
ITEM_DATA: E5E0 ( 23232323 ) 00
ITEM_COUNTER: empty bubbles popped

ITEM_ACTION: LD (IX+\$2F),\$06
e5e0 is incremented each time an empty bubble is popped (by either player) (for 10 points) so pop 51 or more empty bubbles and get a purple and cyan 'fast bubbles' sweetie on the next level

ITEM_NUMBER: 2/02
ITEM_DESCRIPTION: orange and yellow sweetie -> rapid-fire bubbles
ITEM_DATA: E5E4 ( 23232323 ) 00
ITEM_COUNTER: jumps
ITEM_ACTION: LD (IX+\$2E),\$05
e5e4 is incremented each time either player jumps, so jump 51 or more times and get an orange and yellow 'rapid-fire bubbles' sweetie on the next level

ITEM_NUMBER: 3/03
ITEM_DESCRIPTION: shoe -> run faster
ITEM_DATA: E5E6 ( OC OC OC OC ) 00
ITEM_COUNTER: distance run
ITEM_ACTION: LD (IX+\$30),\$13
LD (IX+\$2C), $\$ 01$
LD (IX+\$1F), \$00
e5e5 is incremented each time either play runs along the ground - it goes at twice the speed if both players are running. when it reaches 256 , it wraps around to 0 , and e5e6 is incremented. if one player runs all the way across the bottom of the level about 15 times then there should be some running shoes on the next level

ITEM_NUMBER: 4/04
ITEM_DESCRIPTION: clock -> ?
ITEM_DATA: E5E1 ( OC OC OC OC ) 00
ITEM_COUNTER: lightning bubbles popped
e5e1 is incremented whenever you pop a lightning bubble - get 12 of then for a clock on the next level

ITEM_NUMBER: 5/05
ITEM_DESCRIPTION: bomb -> 10k (free) or 6k (bubbled) diamonds
ITEM_DATA: E5E2 ( 1310 OA OD ) 01
ITEM_COUNTER: fire bubbles popped
e5e2 is incremented whenever you pop a fire bubble - get 19/16/10/13 of them for a bomb on the next level

ITEM_NUMBER: 6/06
ITEM_DESCRIPTION: orange umbrella -> skip 3 levels
ITEM_DATA: E5E3 ( OF OF OF OF ) 00
ITEM_COUNTER: water bubbles popped
ITEM_NUMBER: 7/07
ITEM_DESCRIPTION: red umbrella -> skip 5 levels
ITEM_DATA: E5E3 ( 14141414 ) 00
ITEM_COUNTER: water bubbles popped
ITEM_NUMBER: 8/08
ITEM_DESCRIPTION: purple umbrella -> skip 7 levels
ITEM_DATA: E5E3 ( 191919 19) 00
ITEM_COUNTER: water bubbles popped
e5e3 is incremented whenever you pop a water bubble - even if there's already water on the screen and it seems like the bubble didn't do anything, it's still counted. get 15 of then for
an orange umbrella, 20 for a red one or 25 for a purple one
ITEM_NUMBER: 9/09
ITEM_DESCRIPTION: sunflower potion
ITEM_DATA: E5E7 ( OF OF OF OF ) 00
ITEM_COUNTER: wrap-arounds from bottom to top of screen
ITEM_NUMBER: 10/0a
ITEM_DESCRIPTION: flower potion
ITEM_DATA: E5E7 ( 10101010 ) 00
ITEM_COUNTER: wrap-arounds from bottom to top of screen
ITEM_NUMBER: 11/0b
ITEM_DESCRIPTION: clover potion
ITEM_DATA: E5E7 ( 11111111 ) 00
ITEM_COUNTER: wrap-arounds from bottom to top of screen
ITEM_NUMBER: 12/0c
ITEM_DESCRIPTION: rainbow potion
ITEM_DATA: E5E7 ( 12121212 ) 00
ITEM_COUNTER: wrap-arounds from bottom to top of screen
ITEM_NUMBER: 13/0d
ITEM_DESCRIPTION: musical potion
ITEM_DATA: E5E7 ( 13131313 ) 00
ITEM_COUNTER: wrap-arounds from bottom to top of screen
e5e7 is a counter of how many times either player has fallen from the bottom of the screen and appeared back on the top, as if by *magic*! If you do this enoght times, you get a potion - 15, 16, 17, 18 and 19-or-more times for the different types of potions

ITEM_NUMBER: 14/0e
ITEM_DESCRIPTION: flashing heart - freezes monsters \& makes you flash \& go all invincible ITEM_DATA: E5E8 ( 41 3C 3237 ) 01
ITEM_COUNTER: dead-monster fruits eaten
ITEM_NUMBER: 15/Of
ITEM_DESCRIPTION: blue ring - points for running
ITEM_DATA: E5E9 ( 03030303 ) 00
ITEM_COUNTER: 'fast bubbles' sweeties eaten
ITEM_NUMBER: 16/10
ITEM_DESCRIPTION: purple ring - points for jumping
ITEM_DATA: E5EA ( 03030303 ) 00
ITEM_COUNTER: 'rapid-fire bubbles' sweeties eaten
ITEM_NUMBER: 17/11
ITEM_DESCRIPTION: red ring - points for bubbles ITEM_DATA: E5EB ( 03030303 ) 00
ITEM_COUNTER: 'long-range bubbles' sweeties eaten
ITEM_NUMBER: $18 / 12$
ITEM_DESCRIPTION: blue cross - drowns monsters in water ITEM_DATA: E5F6 ( OD OC OA OB ) 01
ITEM_COUNTER: special items eaten
ITEM_NUMBER: 19/13
ITEM_DESCRIPTION: yellow and red cross - lightning kills monsters
ITEM_DATA: E5F7 ( 10 0E OA OC ) 01
ITEM_COUNTER: special fruits eaten

ITEM_NUMBER: 20/14
ITEM_DESCRIPTION: red and orange cross - breath fireballs for 9k diamonds
ITEM_DATA: E5EE ( 07060405 ) 01
ITEM_COUNTER: monsters drowned by water bubble
ITEM_NUMBER: 21/15
ITEM_DESCRIPTION: cyan teapot - same as items $0 \times 10,0 \times 11$ and $0 \times 0 f$ that's points for jumping, for bubbles and for running
ITEM_DATA: E5EF ( 05050505 ) 00
ITEM_COUNTER: times that p 1 has joined a running game
ITEM_NUMBER: 22/16
ITEM_DESCRIPTION: red teapot - same as items $0 \times 10,11,0 f, 00,01,02$ that's points for jumping, for bubbles and for running and long-range, fast, rapid-fire bubbles
ITEM_DATA: E5F0 ( 05050505 ) 00
ITEM_COUNTER: times that p 2 has joined a running game
ITEM_NUMBER: 23/17
ITEM_DESCRIPTION: exploding purple teapot
ITEM_DATA: E5EC ( 02020101 ) 01
ITEM_COUNTER: umbrellas (items 6, 7 and 8) collected
ITEM_NUMBER: 24/18
ITEM_DESCRIPTION: yellow teapot - same as items 0, 1 and 2 that's long-range, fast, rapid-fire bubbles
ITEM_DATA: E5ED ( 04030102 ) 00
ITEM_COUNTER: clocks (item 4) collected
ITEM_NUMBER: 25/19
ITEM_DESCRIPTION: book - shakes screen for 6/8k diamonds
ITEM_DATA: E5F3 ( 10 0E OA OC ) 01
ITEM_COUNTER: monsters killed by fire bubble
ITEM_NUMBER: 26/1a
ITEM_DESCRIPTION: diamond necklace - flying stars -> 6k diamonds
ITEM_DATA: E5F4 ( 10 OE OA OC ) 01
ITEM_COUNTER: monsters killed by lightning bubble
ITEM_NUMBER: 27/1b
ITEM_DESCRIPTION: red pearl necklace - give 10 free extend letters
ITEM_DATA: E5D9 ( 1E 19 OF 14 ) 00
ITEM_COUNTER: games started (2 player games count as 2)
ITEM_NUMBER: 28/1c
ITEM_DESCRIPTION: purple? pearl necklace for bouncing thing $->6 \mathrm{k}$ diamonds
ITEM_DATA: E5DA ( $1 E 19$ OF 14 ) 01
ITEM_COUNTER: levels started
ITEM_NUMBER: 29/1d
ITEM_DESCRIPTION: fork -> flying vegetables for 6 k diamonds
ITEM_DATA: F457 ( 01010101 ) 01
ITEM_COUNTER: entries of 'SEX' into high score table
ITEM_NUMBER: 30/1e
ITEM_DESCRIPTION: purple treasure chest -> 80k diamond
ITEM_DATA: F458 ( 01010101 ) 00
ITEM_COUNTER: ??? no idea ???
ITEM_NUMBER: 31/1f
ITEM_DESCRIPTION: pink/orange treasure chest -> 70k diamond

ITEM_DATA: E601 ( 03030303 ) 00
ITEM_COUNTER: books (item $0 \times 19$ ) collected
ITEM_NUMBER: 32/20
ITEM_DESCRIPTION: brown treasure chest -> 60k diamond
ITEM_DATA: E602 ( 03030303 ) 00
ITEM_COUNTER: exploding purple teapots (item $0 \times 17$ ) collected
ITEM_NUMBER: 33/21
ITEM_DESCRIPTION: cyan treasure chest -> 50k diamond
ITEM_DATA: E600 ( 03030303 ) 00
ITEM_COUNTER: water crosses (item $0 \times 12$ ) collected
ITEM_NUMBER: 34/22
ITEM_DESCRIPTION: grey treasure chest -> 40k diamond
ITEM_DATA: E5FF ( 03030303 ) 00
ITEM_COUNTER: yellow and red crosses (item $0 \times 13$ ) collected
ITEM_NUMBER: 35/23
ITEM_DESCRIPTION: red/pink cane 30k pointy cake
ITEM_DATA: E5FD ( 03030303 ) 00
ITEM_COUNTER: 'D's collected
ITEM_NUMBER: 36/24
ITEM_DESCRIPTION: red/brown cane 30k iced bun
ITEM_DATA: E5FC ( 03030303 ) 00
ITEM_COUNTER: 'N's collected
ITEM_NUMBER: 37/25
ITEM_DESCRIPTION: red cane 20 k melon
ITEM_DATA: E5FB ( 03030303 ) 00
ITEM_COUNTER: (middle) 'E's collected
ITEM_NUMBER: 38/26
ITEM_DESCRIPTION: orange cane 10 k apple
ITEM_DATA: E5FA ( 03030303 ) 00
ITEM_COUNTER: 'T's collected
ITEM_NUMBER: 39/27
ITEM_DESCRIPTION: light brown cane 10k lolly
ITEM_DATA: E5F9 ( 03030303 ) 00
ITEM_COUNTER: 'X's collected
ITEM_NUMBER: 40/28
ITEM_DESCRIPTION: cyan cane 10k double lolly
ITEM_DATA: E5F8 ( 03030303 ) 00
ITEM_COUNTER: (initial) 'E's collected
ITEM_NUMBER: 41/29
ITEM_DESCRIPTION: bell
ITEM_DATA: E5FE ( OE OC 08 OA ) 00
ITEM_COUNTER: "hurry up!"s displayed
ITEM_NUMBER: 42/2a
ITEM_DESCRIPTION: spider (turns bubbles into X's at end of level?)
ITEM_DATA: E604 ( 01010101 ) 00
ITEM_COUNTER: entries of 'TAK' into high score table
ITEM_NUMBER: 43/2b
ITEM_DESCRIPTION: flamingo (turns bubbles into smiling turds at end of level?)
ITEM_DATA: E605 ( 01010101 ) 00

ITEM_COUNTER: entries of 'STR' into high score table
ITEM_NUMBER: 44/2c
ITEM_DESCRIPTION: lager (turns bubbles into pizzas at end of level?)
ITEM_DATA: E606 ( 01010101 ) 00
ITEM_COUNTER: entries of 'KTT' into high score table
ITEM_NUMBER: 45/2d
ITEM_DESCRIPTION: knife for flying cakes/beer/etc and 6 k diamonds)
ITEM_DATA: E607 ( 01010101 ) 01
ITEM_COUNTER: entries of '...' into high score table
ITEM_NUMBER: 46/2e
ITEM_DESCRIPTION: crystal ball (special item come quicker next round (and forever?))
ITEM_DATA: E609 ( 01010101 ) 00
ITEM_COUNTER: ?? finishing level really quickly then getting nice fruit ??
ITEM_NUMBER: 47/2f
ITEM_DESCRIPTION: pencil/cigar (makes next 3 special items be potions), and acts like item 0 c , the rainbow potion
ITEM_DATA: E60A ( 01010101 ) 00
ITEM_COUNTER: started 777 levels
ITEM_NUMBER: 48/30
ITEM_DESCRIPTION: skull (immediate 'hurry up')
ITEM_DATA: E611 ( 1419 1E 1B ) 00
ITEM_COUNTER: times the skel has come ( +2 more sometimes if he catches you)
ITEM_NUMBER: 49/31
ITEM_DESCRIPTION: treasure room door to 20
ITEM_DATA: E60D ( 01010101 ) 00
ITEM_COUNTER: get to level 19 without loss of life
ITEM_NUMBER: 50/32
ITEM_DESCRIPTION: treasure room door to 30
ITEM_DATA: E60E ( 01010101 ) 00
ITEM_COUNTER: get to level 29 without loss of life
ITEM_NUMBER: 51/33
ITEM_DESCRIPTION: treasure room door to 40
ITEM_DATA: E60F ( 01010101 ) 00
ITEM_COUNTER: get to level 39 without loss of life
ITEM_NUMBER: 52/34
ITEM_DESCRIPTION: warp to 70
ITEM_DATA: E610 ( 01010101 ) 00
ITEM_COUNTER: get to level 49 without loss of life
ITEM_NUMBER: 53/35
ITEM_DESCRIPTION: coke (makes it rain coke cans? -> 6k diamonds) */
ITEM_DATA: E608 ( 01010101 ) 01
ITEM_COUNTER: entries of 'I.F', 'MTJ', 'NSO', 'KIM' or 'YSH' into high score table

ITEM_NUMBER: 30/1e
ITEM_DESCRIPTION: purple treasure chest -> 80k diamond
ITEM_DATA: F458 ( 01010101 ) 00
ITEM_COUNTER: times level 100 is finished (happy or not)
POINTS ITEMS:
(the 'notes':
10

| $04 / 4$ | 50 | beetro |
| :--- | :--- | :--- |
| $05 / 5$ | 60 | turnip | 20/32 2,000

$21 / 332,000$ 23/35 3,000 24/36 3,000 25/37 3,000 26/38 4,000
'umb' means the item may appear on the screen after you've got an umbrella
'skel' means the item may appear if a skel appeared on the previous level
'hurry' means the item may appear if the previous level told you to 'hurry up', but no skel appeared.
the ' 1 p time' and ' 2 p time' columns are the values in address f456 - use the 'mame -cheat' option to view this address as you play
ID score description
green pepper
notes
1/1 20 aubergine
umb
skel

02/2 30 carrot
03/3 40 onion
06/6 70 parsnip

07/7 80 marrow
umb skel
08/8 90 pea pod
09/9 100 mushroom
0A/10 150 corn cob (IvI 35)
umb hurry
hurry
hurry
umb hurry
hurry
hurry
umb hurry

1p 2p hurry
time time hurry
umb hurry

## 13/19 600 watermelon <br> 14/20 650 single brown lolly (Ivl 15)

1D 27
1C 26
16/22 750 pink pudding (Iv| 5)
umb 1B 25
17/23 800 yellow pudding
1A 24
18/24 850 green pudding
$19 \quad 23$
19/25 900 green and brown pudding (Iv| 40) umb 1822

1A/26 950 simple white ice cream cone
$17 \quad 21$ $1 B / 271,000$ double scoop ice cream cone $\quad 16 \quad 20$ 1C/28 1,000 donut (Ivl 25) umb 15 1F 1D/29 1,000 french fries $14 \quad 1 \mathrm{E}$ 1E/30 2,000 sausage on a stick

13 1D
1F/31 2,000 creme caramel
12 1C
burger
umb $11 \quad 1 B$
slice of cake (triangular)
$10 \quad 1 \mathrm{~A}$ 22/34 3,000 cupcake (blobby)

OF 19
chicken leg
purple martini
some variety of sushi?
pinkish sweet (Ivl 50)

| umb | 0 E | 18 |
| :--- | :--- | :--- |
|  | 17 |  |

(brown umb OB 15 27/39 4,000 (brown or red?) eskimo pie OA 14 28/40 4,000 (brown or red?) eskimo pie 0913 29/41 4,000 mug of lager (Iv| 45) $\begin{array}{lll}\text { umb } & 08 & 12\end{array}$ 2A/42 5,000 purple crystals $2 B / 43$ 5,000 purple jewel 2C/44 5,000 yellow butterfly
$07 \quad 11$
$06 \quad 10$
2D/45 5,000 blue crystals
umb 05 OF 2E/46 6,000 blue jewel 04 OE 03 OD 2F/47 6,000 necklace with purple pendant umb 02 OC 30/48 6,000 purple shell 01 OB

| 566 | $31 / 49$ | 7,000 | red jewel | 00 | $0 A$ |
| :--- | :--- | :--- | :--- | :---: | :---: |
| 567 | $32 / 50$ | 7,000 | necklace with blue pendant |  | 09 |
| 568 | $33 / 51$ | 7,000 | bowl of rice | 08 |  |
| 569 | $34 / 52$ | 8,000 | necklace with red pendant |  | 07 |
| 570 | $35 / 53$ | 8,000 | dinner | 06 |  |
| 571 | $36 / 54$ | 8,000 | red crown, blue gems, no cross |  | 05 |
| 572 | $37 / 55$ | 8,000 | red crown, blue gems, red cross | 04 |  |
| 573 | $38 / 56$ | 9,000 | cyan crown, red gems, no cross | 03 |  |
| 574 | $39 / 57$ | 9,000 | blue crown, red gems, cyan cross | 02 |  |
| 575 | $3 A / 58$ | 10,000 | gold crown, red gems, no cross | 01 |  |
| 576 | $3 B / 59$ | 10,000 | gold crown, red gems, white cross | 00 |  |
| 577 |  |  |  |  |  |
| 578 |  |  |  |  |  |
| 579 | Version History |  |  |  |  |
| 580 | Bubble Bobble FAQ Version $2.1(19 / 02 / 98)$ |  |  |  |  |
| 581 | Bubble Bobble FAQ Version $2.2(19 / 05 / 2005)$ |  |  |  |  |
| 582 | Bubble Bobble FAQ Version $2.2(12 / 03 / 2024)$ |  |  |  |  |

