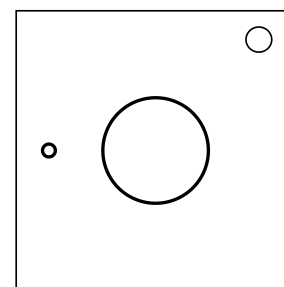


On the Subject of Mars

Pork rice bowls?

If there is a standard module background, or the planet shown is not Mars, you are looking at the wrong module.

Pressing the sphere near the status light will make the planet disappear, until said sphere is pressed again.



- Press the small orb to hear a radio transmission of a Martian delivering a message.
- Use the instructions below and the excerpt from the English-Martian dictionary to translate the Martian word. After playing the transmission, the module activates submission mode. The orb will stop moving. If another module on the bomb contains the translated word, press the orb twice within one second. If there is no such module, press the orb and let the second run out without pressing it again. Press the orb three or more times in one second to exit submission mode and play the transmission again.

The Letter Matrix:

- Start with the 5×5 matrix of letters depicted in table A.
- The small orb will move to three cardinal directions, with varying speeds, before pausing. The speeds and destinations in order can be looked up in table B to obtain a modification which should be performed on the matrix of letters.
- The possible instructions are as follows:
 - U: Rotate the whole matrix 90° clockwise.
 - O: Rotate the whole matrix 90° counterclockwise.
 - ##: The rows or columns corresponding to these two numbers are swapped. Use rows if this is the first or third modification, columns if it is the second.

Table A:

H	D	O	M	X
P	S	J	Y	W
R	E	U	N	B
Q	G	V	Z	K
I	L	T	A	F

- Finally, every letter in the matrix is Caesar shifted, in an alphabet without C, by the sum of the serial number digits.
- **N.B:** Whenever the rows or columns of the matrix being numbered is mentioned, 1 is the left-most column and the top-most row.

Table B:

	< 1 second	1 second	> 1 second
U	23	12	35
L	45	24	15
D	14	25	U
R	U	34	13

Martian:

- This dialect of Martian consists only of one phoneme- vocalizations are only distinguished via tonality. When transcribing to and from Latin letters, each letter is made up of two tones.
- The 5 possible tones are as follows, and refer to the pitch of a voice:
 1. Steady
 2. Rising
 3. Falling
 4. Rising and falling
 5. Falling and rising
- To translate a pair of tones into a letter, use them as the row and column in the letter matrix, via their indices in the list above. The row is always spoken first.
- Martians also speak exclusively in anagrams, because they are miserable and difficult creatures.

The English-Martian Dictionary (Excerpt):

Martian:	English:	Martian:	English:	Martian:	English:
Wrint	Color	Bompe	LED	Rintu	Wire
Munpo	Simon	Eytah	Arrow	Dunbi	Identification
Rahtu	Button	Oosla	Key	Korbs	Symbol or Symbolic
Qibas	Binary	Zutun	Cipher	Rajal	Cycle
Ufnor	Forget	Glimp	Bean	Zulba	Cruel or Complicated
Qorkt	Faulty or Broken	Yvmel	Talk	Hoxzi	Memory
Rilbo	Maze	Jihtr	Double	Ununt	Grid
Kaxne	Dial	Lutiv	Code	Iprom	Number

- Every word also translates to the plural form.
- “Colour” and “Colo(u)r” are also acceptable spellings of “color”.
- “LED” is the only case sensitive word.