# On the Subject of Planets

Why do people do this... The Milky Way shouldn't be on a bomb!

This module consists of a planet, a keypad (0-9), a delete button and a space button.

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#### Step 1:

- Find the planet's number in the table.
- Multiple by 123
- Add the number of solved modules after multiplying by 10
- This is number A

#### Step 2:

- Get the number of batteries multiplied by 5
- Add the number of lit indicators multiplied by 6
- This is number B

#### Step 3:

- Get the number A
- Add the number B
- Add 4 multiplied by the number of ports
- Add 21 multiplied by 22
- This is number C

## Step 4:

- Get the product of all the strip colour number from the reference below
- Change the value based on the table strip change one
- Multiply by the number in the table strip change two
- Multiply by 5 if the last strip is black or white
- This is number D

#### Step 5:

- Take the absolute value of number C times number D
- Modulo 1,000,000
- Enter the code and hit the space

## Planet Number Reference

Planet	Mercury	Venus	Earth	Mars	Jupiter	Saturn	Uranus	Neptune
Number	1	2	3	4	5	6	7	8

## <u>Strip Colour Number Reference</u>

Colour	Aqua	Blue	Green	Lime	Orange	Red	Yellow	White	Black
Number	1	2	3	4	5	6	7	8	9

## Strip Change One

		Strip One								
		Aqua	Blue	Green	Lime	Orange	Red	Yellow	White	Black
	Aqua	+0	+5	+6	-6	+7	<b>-</b> 5	-2	-1	-2
Strip Four	Blue	-3	+6	-2	+7	-5	-9	-1	+8	+9
	Green	-5	+2	-8	-4	+3	-2	+9	+3	-3
	Lime	+2	+6	5	<b>-</b> 5	-7	-1	9	+8	-6
	Orange	-9	-7	+4	-4	+6	+3	-2	+6	-4
	Red	-8	-4	+8	-4	+1	-9	+5	-2	+2
	Yellow	-6	+3	+4	-5	-4	-7	+5	+4	+4
	White	+1	-8	+2	-3	+4	<b>-</b> 5	-8	+4	-3
	Black	-4	+3	-1	+8	-9	-9	+0	+8	-1

## Strip Change Two

Strip Three	Aqua	Blue	Green	Lime	Orange	Red	Yellow	White	Black
Number	89	30	41	97	49	63	60	3	74