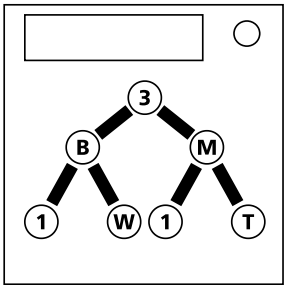# On the Subject of the Binary Tree

Contrary to normal trees, binary trees grow downward and are endlessly confusing with their different traversal orderings...

Button ordering

Stage #:		Stage 1	Stage 2	Stage 3
Ref node background color:	Red	1245367	7361524	1327654
	Green	4251637	7635421	4251637
	Blue	4526731	1376254	7361524
	Orange	1234567	1234567	1245367
	Cyan	1376254	1245367	1234567
	Magenta	7361524	4251637	7635421
	Yellow	7635421	1327654	4526731
	Gray	1327654	4526731	1376254

Note: The number in this table is position in reading order from top to bottom and left to right.

Position within button ordering

Ref node character	Ref node text color	
	BLACK	SILVER
1 8 F M T	1	7
2 9 G N U	2	6
3 A H O V	3	5
4 B I P W	4	4
5 C J Q X	5	3
6 D K R Y	6	2
0 7 E L S Z	7	1