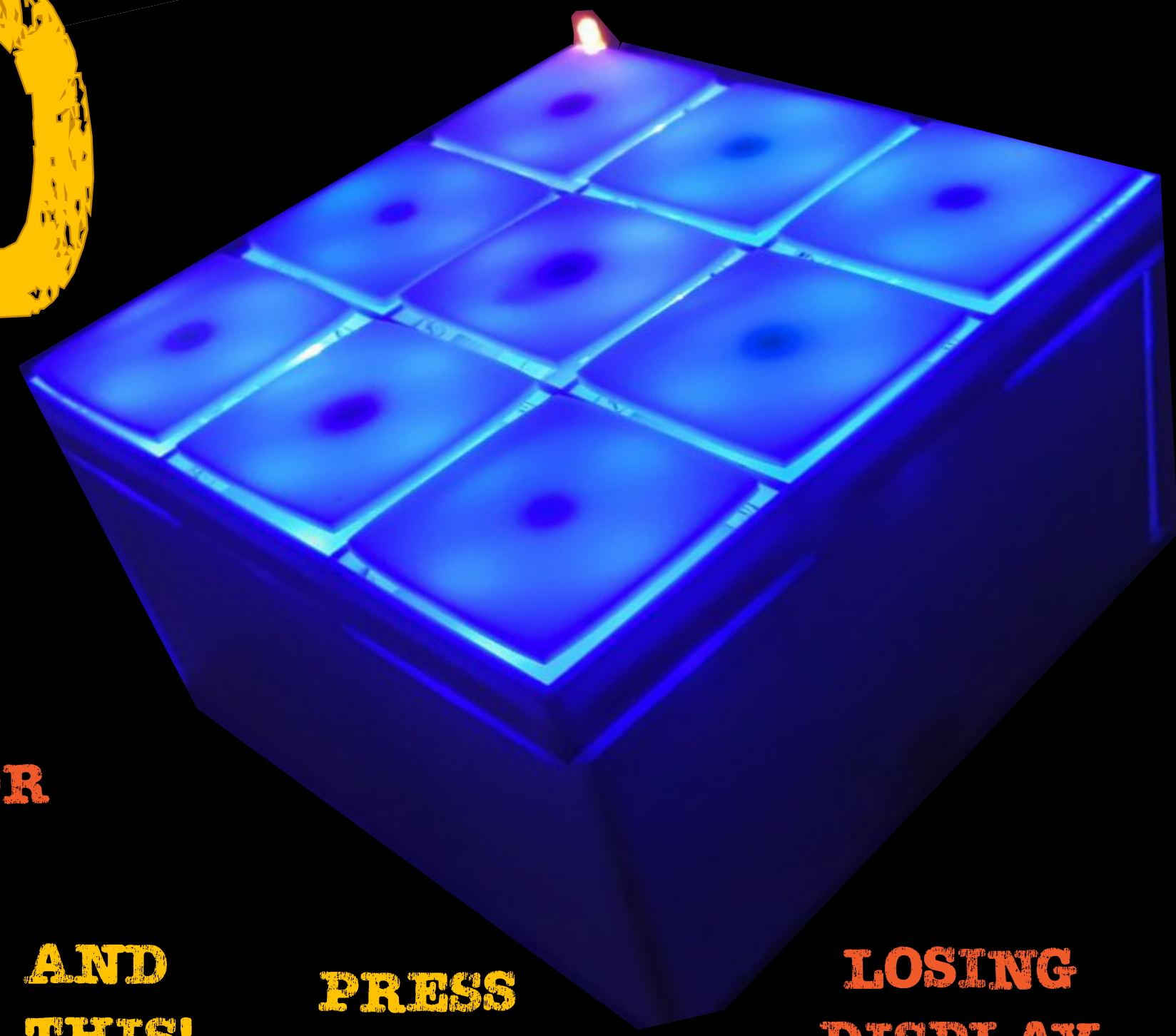
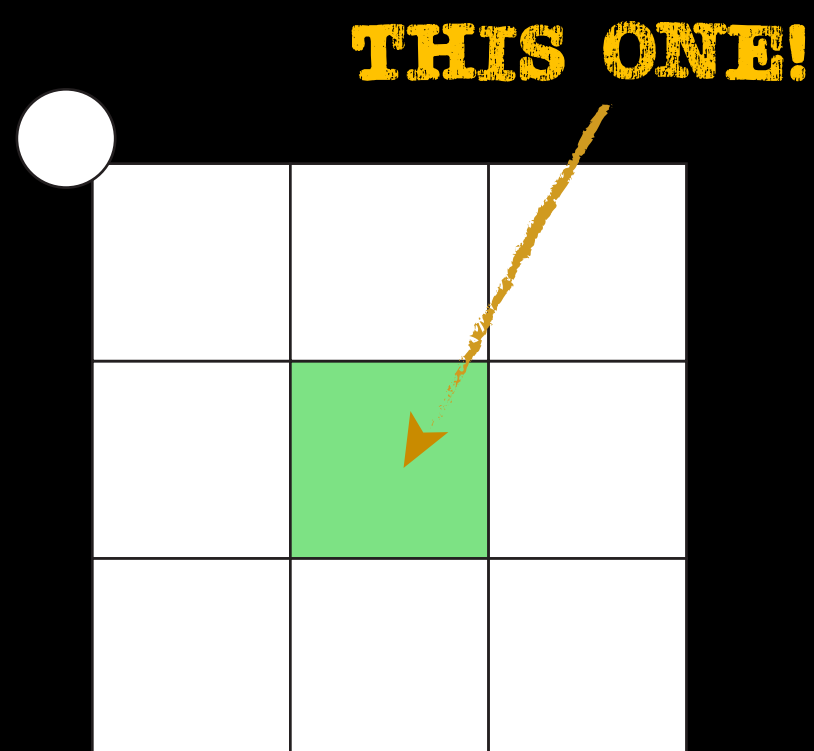


# PATTERNED

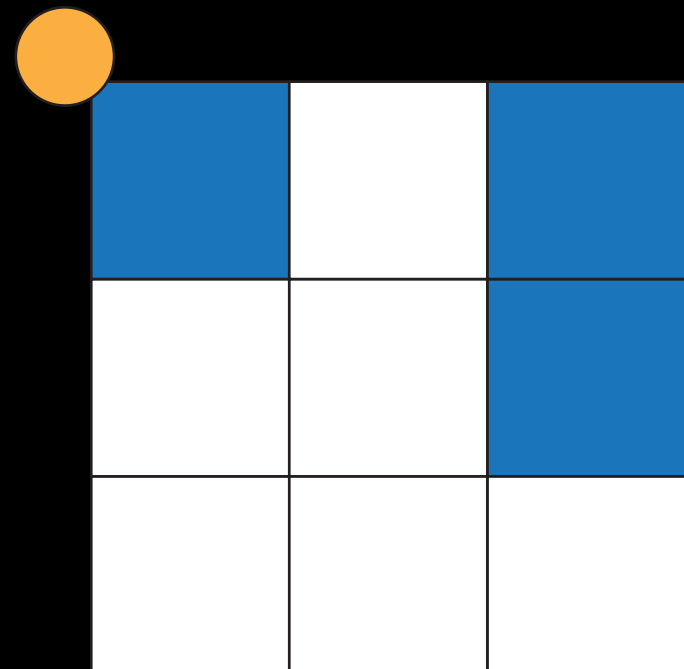
CAN YOU SURVIVE THE 9 LEVELS OF PATTERNED?  
TEST YOUR MEMORY AND STRATEGY IN  
THIS INTENSE GAME OF PATTERNS!



## HOW TO PLAY:

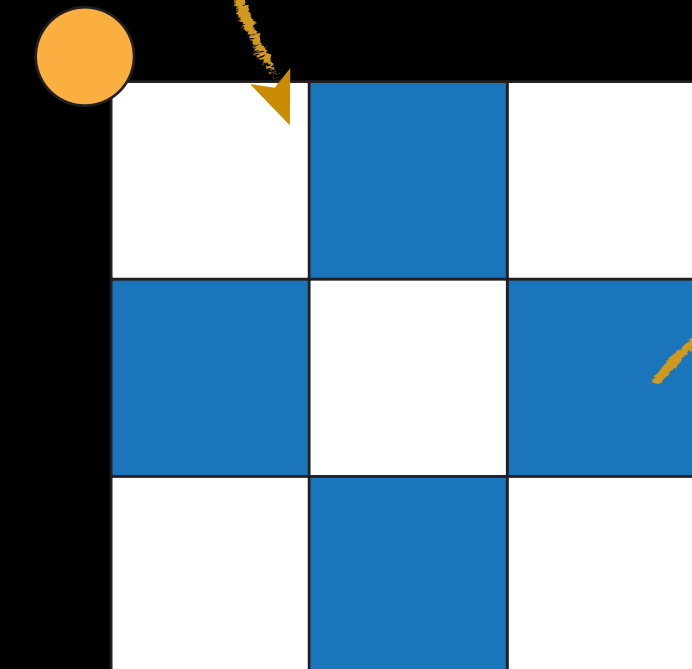


Start a new game by pressing the centre button.



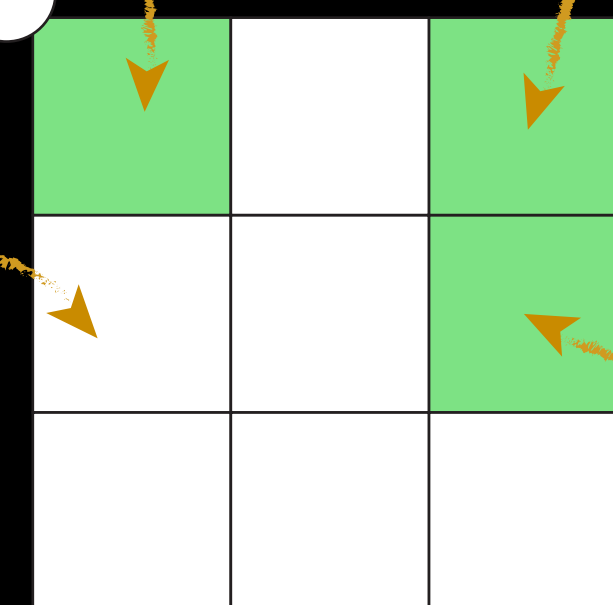
A new pattern will be displayed. Memorise it!

START  
PATTERN



INDICATOR  
LED

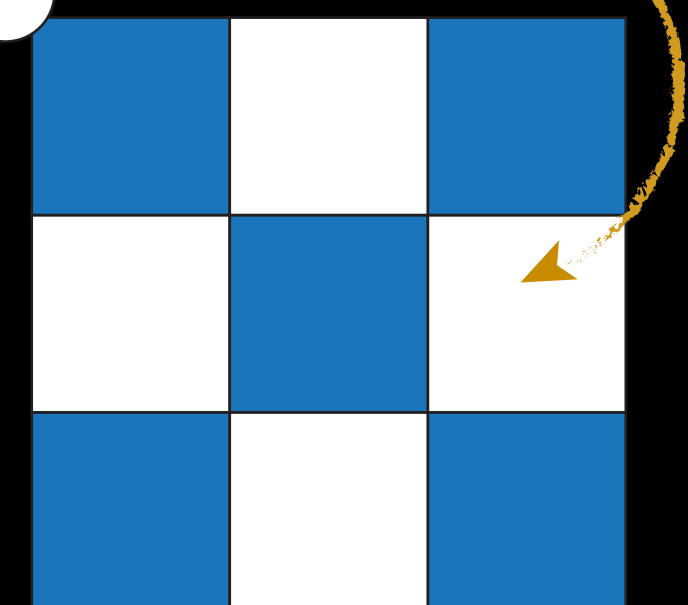
AND  
THIS!



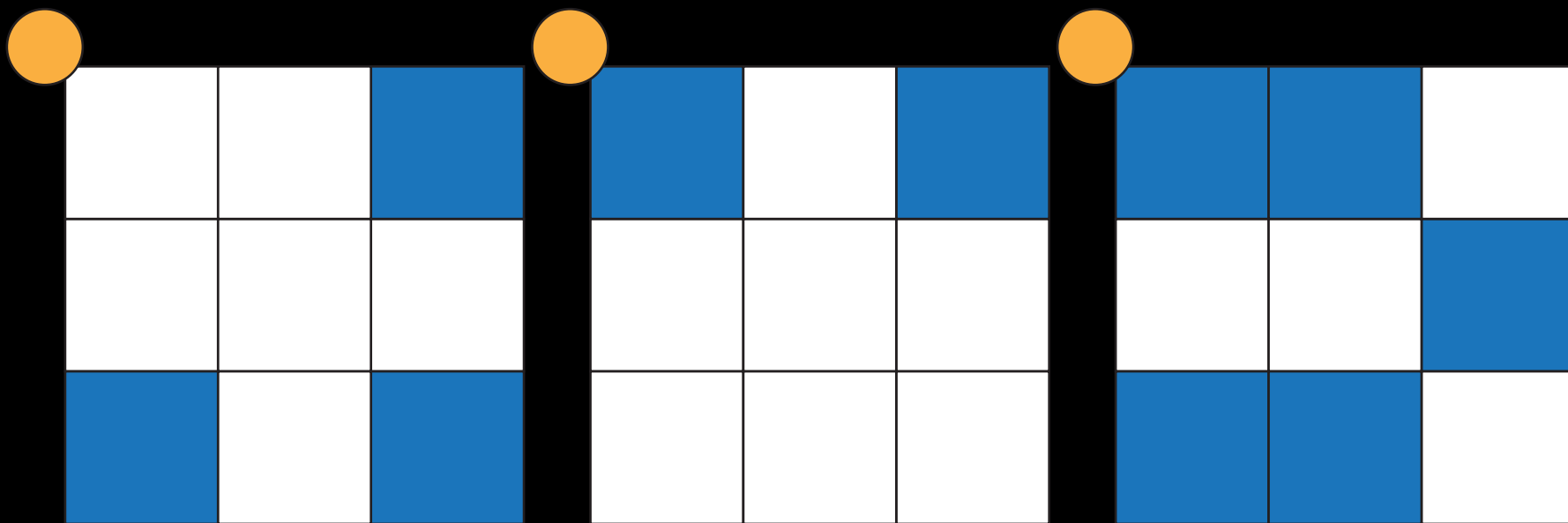
PRESS  
THIS!

AND  
THIS  
TOO!

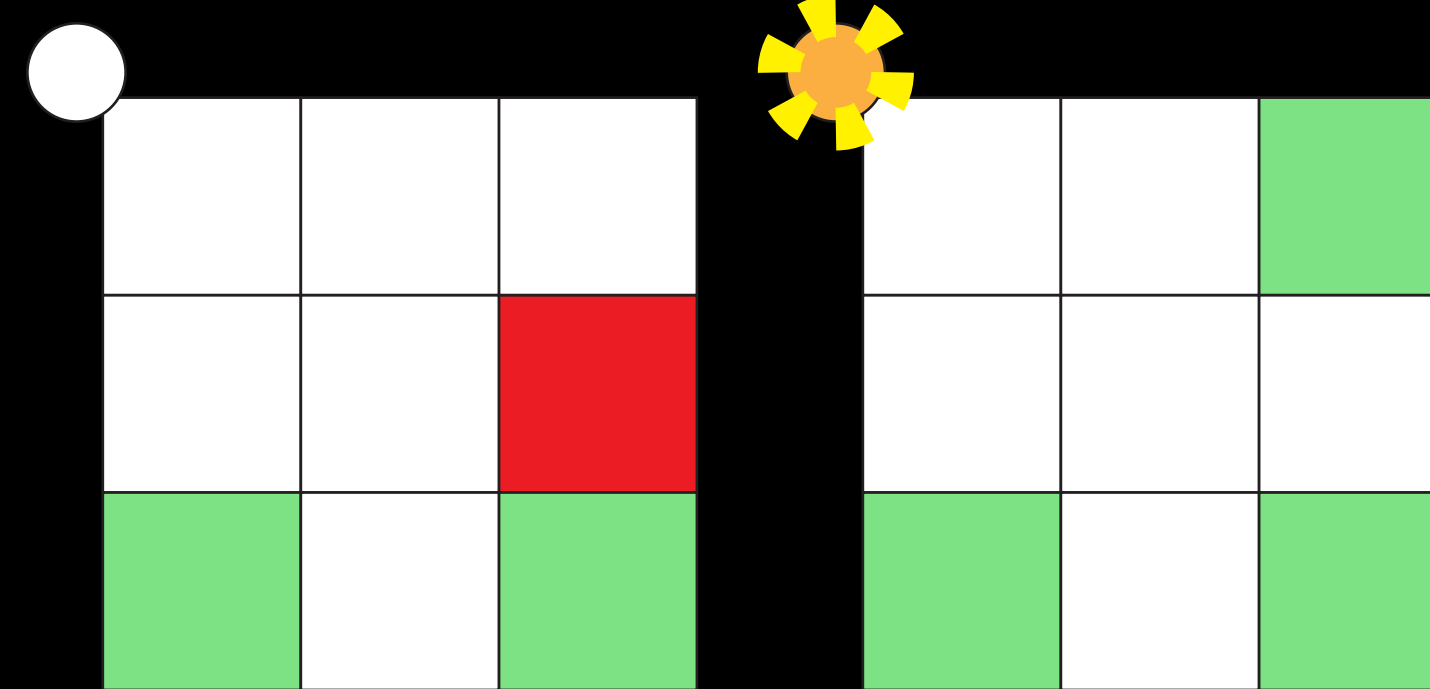
LOSING  
DISPLAY



If time runs out before the correct buttons are pressed, the LED will display "X".  
**YOU LOSE!**

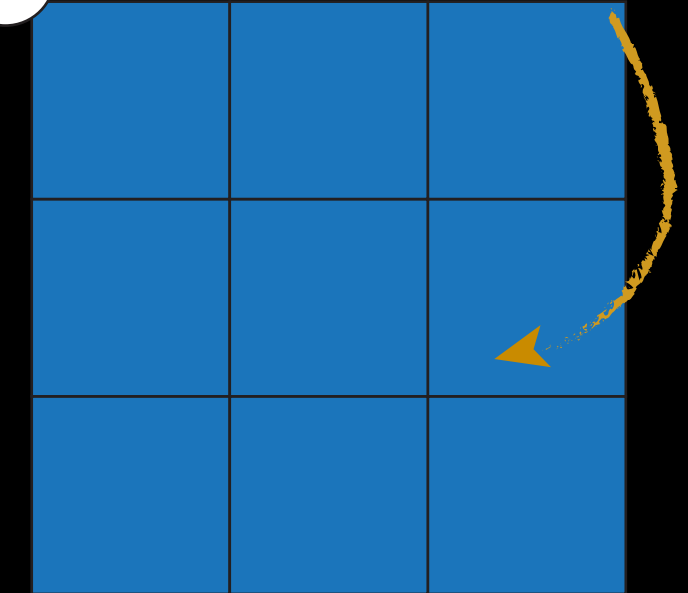


From level 2 onwards, there will be more patterns corresponding to each level. The pattern will be displayed sequentially. Memorise all of them at once.



Input the pattern in succession. The LED indicator will light up if you get the pattern correct. Once it switches off, you can start inputting the next pattern.

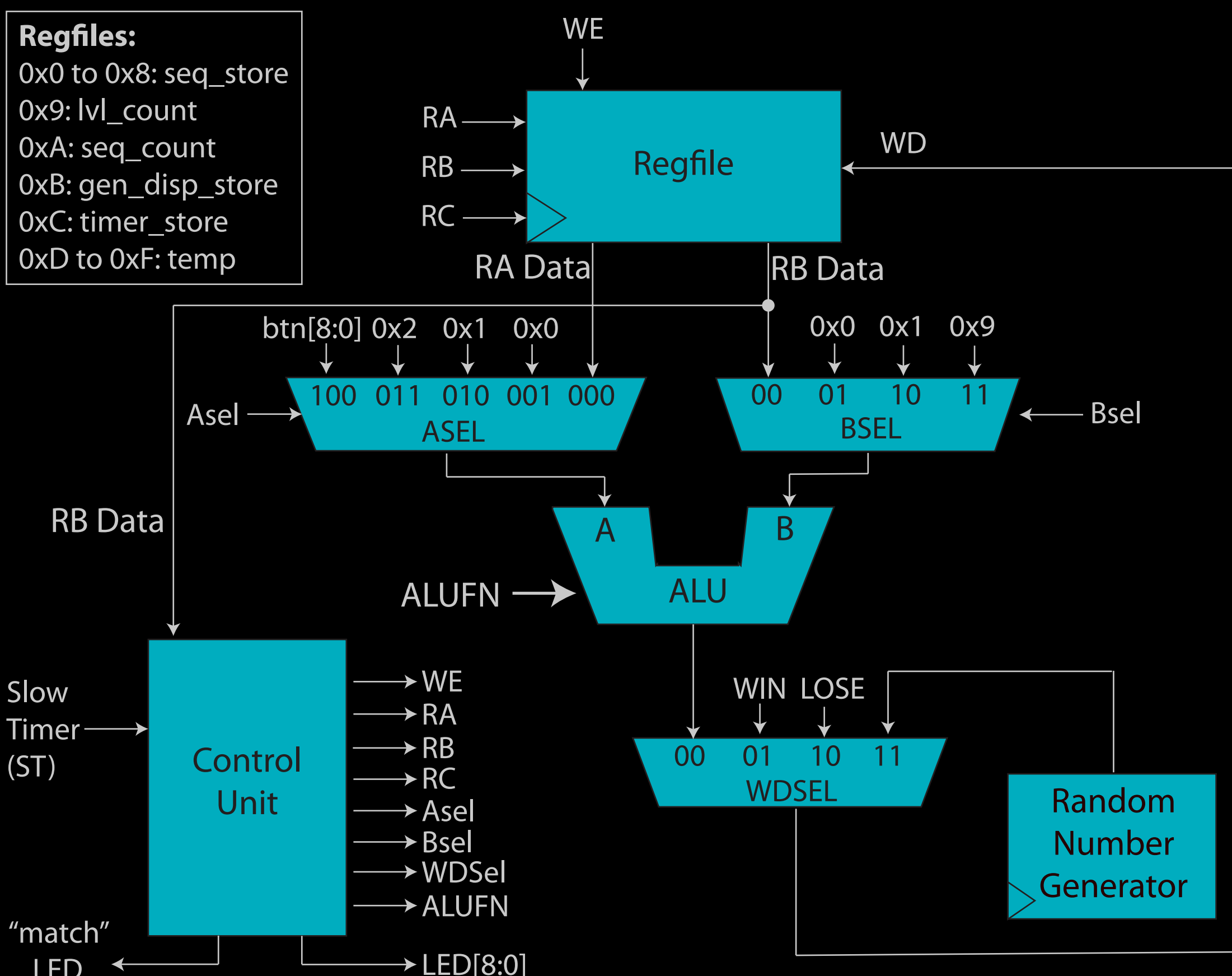
WINNING  
DISPLAY



Once you successfully clear all 9 patterns of level 9, **YOU WIN!**

## COMPLETE 9 LEVELS TO ACHIEVE VICTORY!

### DATA PATHS



### STATE DIAGRAM

**ALU Operations Used:**  
- Boolean  
- Comparator  
- Increment  
- Decrement

