The 5S Numbers Game

Overview

5S is a Lean Methodology using a 5 step approach to achieve and maintain a high level of workplace organisation.

The 5S Numbers Game is designed to illustrate how valuable 5S can be to your business.

How to Play

Each sheet of paper represents a workplace

Our job during a 20 second shift, is to strike out the numbers 1 to 49 in correct sequence.
Example: 1̸ 2̸ 3̸

The team score will be represented by the lowest individual score achieved.

Step 1

Give out the first sheet of paper face down and have someone keep time.

Once completed ask each person to call out their individual score and mark them on a flipchart. Circle the lowest and therefore team score.

Ask if they are happy with the score.

Step 2

We are now going to implement the first step of 5S in the workplace. The first step is "Sort" and so all the numbers from 50 to 90 have been removed as they are not needed.

Step 2

The same rules apply. Strike out the numbers from 1 to 49 in sequence during a 20 second shift.

Give out the second sheet of paper face down and have someone keep time.

Once completed ask each person to call out their individual scores and mark them on a flipchart. Circle the lowest and therefore team score.

Step 3

Having achieved some improvement, we now need to move onto the next step of 5S -- "Straighten".

We have installed some racking, and we have organised the items so the Number 1 is in the bottom left hand corner, the numbers are located from left to right and bottom to top. Example: 1 in the bottom left, 2 in the middle and 3 in the top left.

- We have also undertaken the "Sweep" step by cleaning up the numbers such that they are all the same colour.
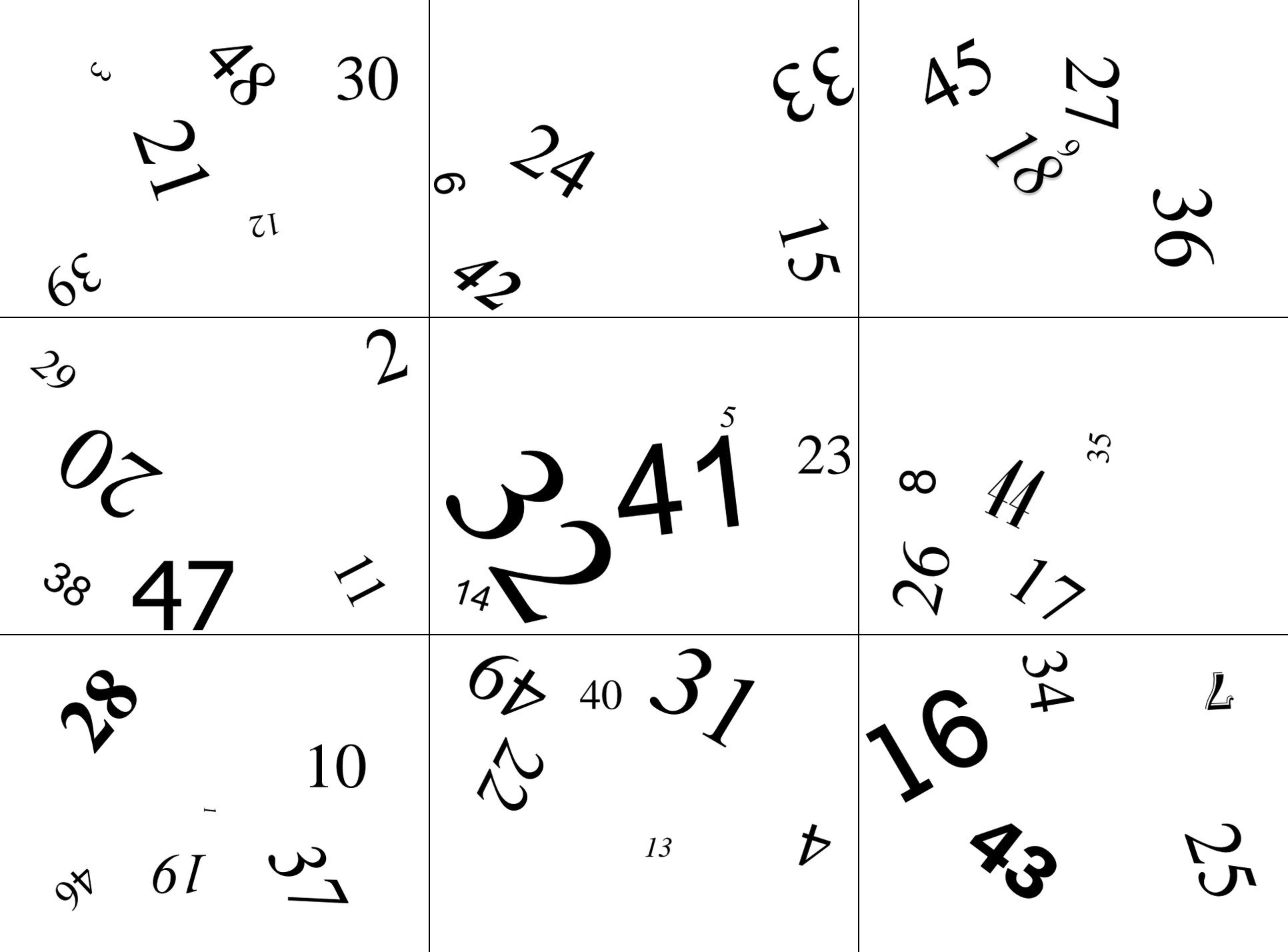
Step 3

The same rules apply. Strike out the numbers from 1 to 49 in sequence during a 20 second shift.

Give out the second sheet of paper face down and have someone keep time.

Once completed ask each person to call out their individual scores and mark them on a flipchart. Circle the lowest and therefore team score.

3 48 30
21
2
39 3

24 3
6
42 15

45 27 18 9
36

29 2
20
38 47 11

32 41 23
14 5

8 35
44
26 9 17

28 31
40
49
22
10 7 34
16
13 4
46 19 37
43 25

Step 4

Having now made a significant step forward, we must now "Standardise".

Since we are dealing with numbers 1 to 49 in sequence, it seems logical to re-organise them in a standard way that makes the completion of the work task as easy as possible.

This should ensure that everyone is able to complete the task within the shift (and therefore produce a team score of 49).

Wine Australia

Step 4

The same rules apply. Strike out the numbers from 1 to 49 in sequence during a 20 second shift.

Give out the second sheet of paper face down and have someone keep time.

Once completed ask each person to call out their individual scores and mark them on a flipchart. Circle the lowest and therefore team score.

1	2	3	4	5	6	7	8	9	10
11	12	13	14	15	16	17	18	19	20
21	22	23	24	25	26	27	28	29	30
31	32	33	34	35	36	37	38	39	40
41	42	43	44	45	46	47	48	49	

Step 5

To make the best use out of the "Standardise" step it is often beneficial to also implement another Lean tool "Visual Management"

Returning to our original work area, we have for this assignment two numbers missing. We cannot complete the task without these numbers - so first we have to find them.

Start a clock running and every 20 seconds, tell them how many "shifts" they have been down looking for the missing numbers.

Wine Australia

Missing Numbers!

Compare how long it takes to locate the missing numbers before and after 5S

1	2	3	4	5	6	7	8	9	10
11	12	13	14	15	16	17		19	20
21	22	23	24	25	26	27	28	29	30
31	32	33	34	35	36	37	38	39	40
41		43	44	45	46	47	48	49	