Mathematics and Numeracy Workshop

Year 5 & 6

Ysgol yr Holl Saint – All Saints' School, Gresford. Wrexham.

- *We are pleased to share with you some ideas and games that we use with our pupils to ensure they are able to practice, embed, use and apply the skills and knowledge they acquire in our Mathematics lessons.*
- *Each station has a sample of a game / activity or an app that we use to achieve this.*
- *Pupils are encouraged to be able to recall known number facts quickly and be agile to use the information to solve problems.*
- *As you make your way around each station, please read each instructional slide outlining aims of the activity and identifying tips to help pupils.*

Activity 1 – 7 Puzzle

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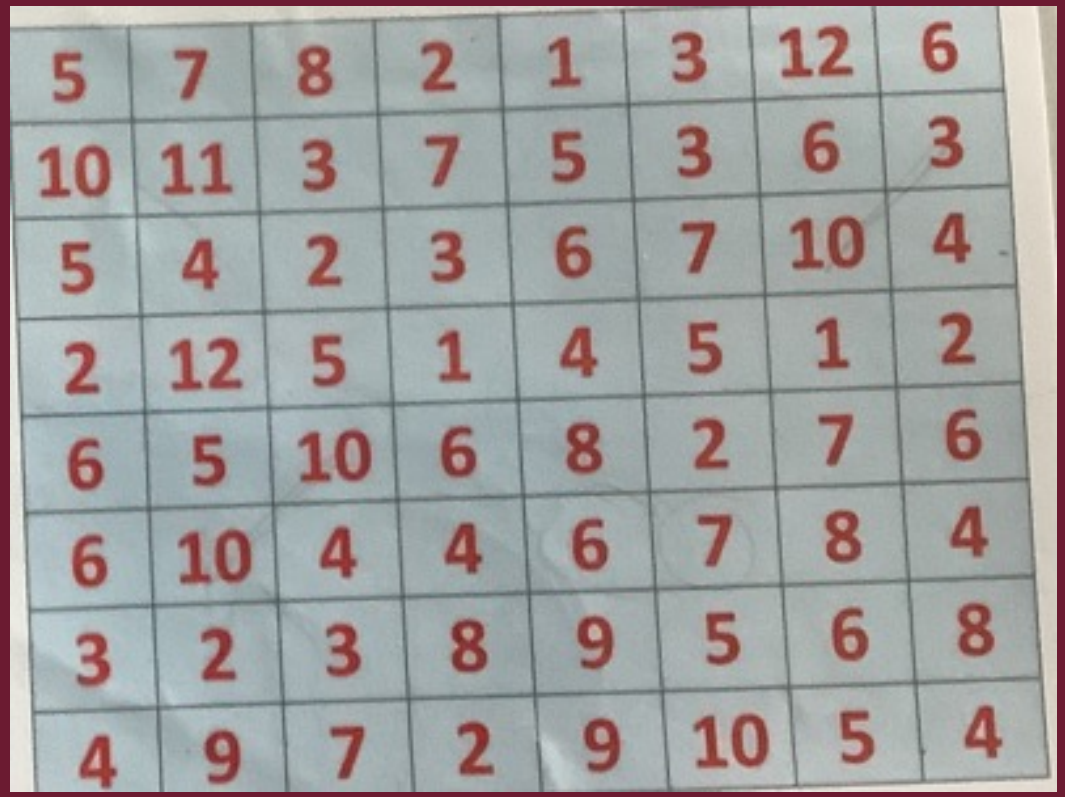
Activity 2 – Trimatics



5	7	8	2	1	3	12	6
10	11	3	7	5	3	6	3
5	4	2	3	6	7	10	4
2	12	5	1	4	5	1	2
6	5	10	6	8	2	7	6
6	10	4	4	6	7	8	4
3	2	3	8	9	5	6	8
4	9	7	2	9	10	5	4

Random Number Generator.

Scan the QR code to go to the number generator to use in your game.

Remember to set your range between 1 and 100

The game rules.

Generate the number

Find the number on your mat by using 3 interconnecting tiles and a combination of mathematical operations.

Add, Subtract, Multiply and Divide.

First to 10 is the winner!

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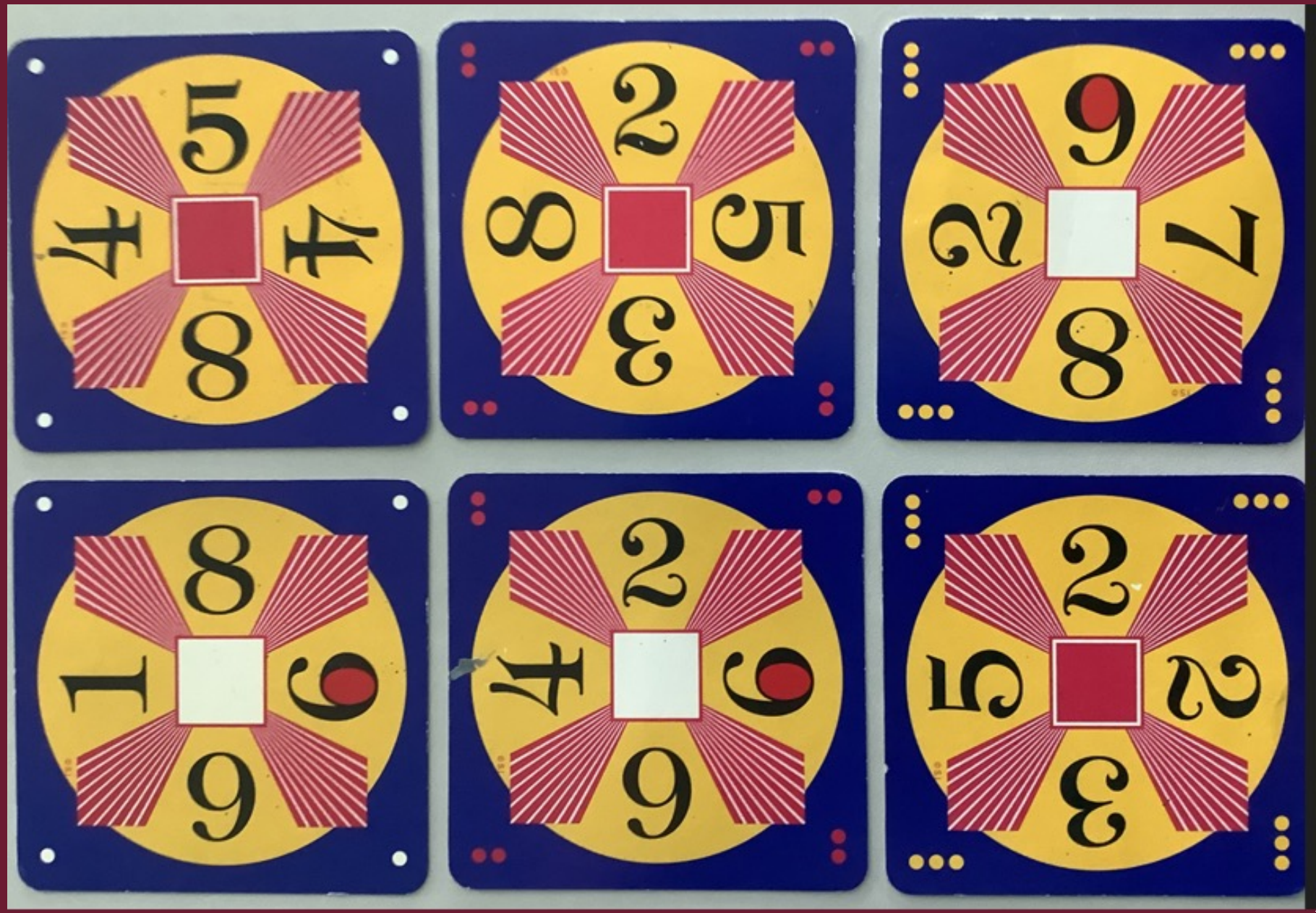
Activity 3 – Game 24



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Activity 4 – Reasoning with Statistics

Explain

A school have been collecting data about:

The number of animals seen in the nature area.

How children travel to school.

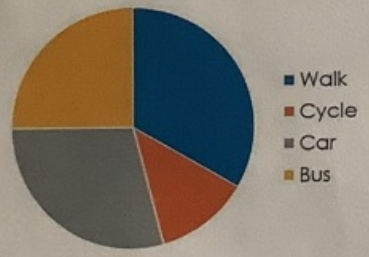
Attendance for the six KS2 classes each half-term.

In each case, which type of graph should be used to represent the information?

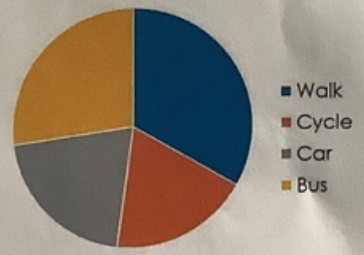
Explain

Marton Vale Primary ran an 'Active Start' project, encouraging children to walk or cycle to school. They wanted to **improve children's fitness** and **reduce traffic congestion** around school.

Mode of Travel to School, February



Mode of Travel to School, May



How successful was the 'Active Start' project?

Explain the mistakes

Three different numbers have an average of 8.

What could the numbers be?

Mistake 1

8		
4	3	1

4, 3, 1

Mistake 2

24		
6	9	9

6, 9, 9

Mistake 3

8	8	8
14	7	6

14, 7, 6

Explain

There are four 9-year-old children and a teacher in a classroom.

The average age for the five people in the classroom is 12.

How old is the teacher?

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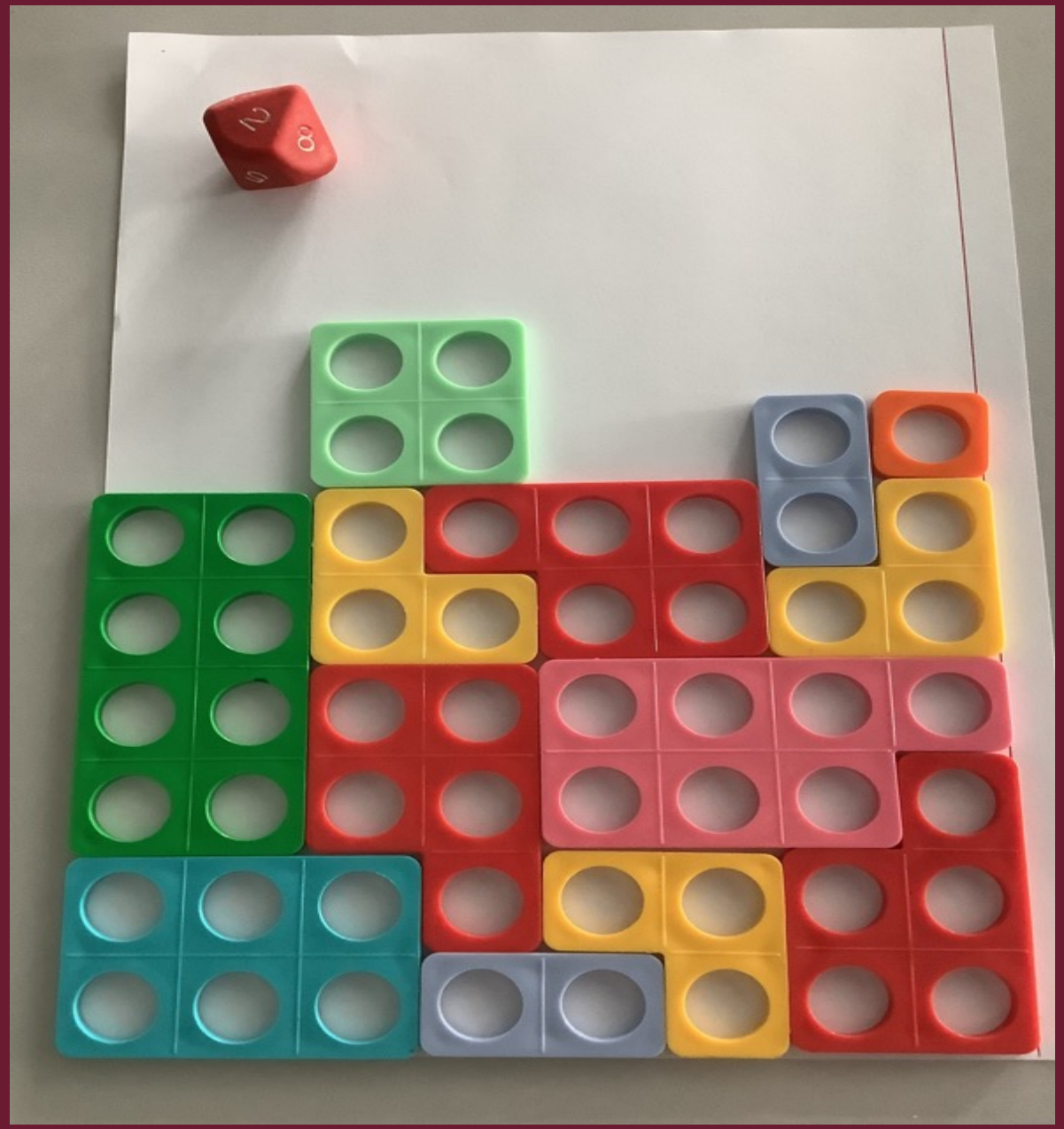
Activity 5 – Numicon Tetris



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Activity 6 – Apps and Websites

Please use the following apps and websites:

Apps

Math Fight

TT Rockstars

Websites

Times Table Olympics

NRich

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Activity 7 – Tangrams

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