



Ideas for supporting your child at home to develop their Numeracy Skills

This booklet is designed for pupils in Year 2- 6.
However many of the games could be adapted and
use lower numbers/ simpler or less resources to adapt
for younger pupils.

First some explanations of Vocabulary

Number Bonds

Number bonds simply let us split up numbers. They forge the number sense needed for early primary students to move to addition and subtraction. As children progress, number bonds become an essential mental problem-solving strategy.

Place Value

The value of a digit within a number.

Place value gives children a solid foundation for reading and writing numbers; comparing numbers; identifying, representing and estimating numbers; rounding and problem-solving.

Times tables

Knowing the times tables (and the inverse division facts) supports mathematical learning and understanding and those children who have a strong grasp of them tend to be more confident when learning new concepts.

Using Playing Cards



Number bond snap.

- 2-4 players
- Take out the 10 cards and the picture cards.
- Turn the rest of the cards face down.
- Find pairs that make 10.
- The player with the most pairs wins.

Higher or Lower

- Shuffle the pack
- Turn 5 cards face down.
- Players have to guess whether each card drawn is higher or lower than the previous card



Make the **largest** and **smallest** number with these 3 flipped cards:



_____ (largest number)

_____ (smallest number)

11

Extend and Challenge:

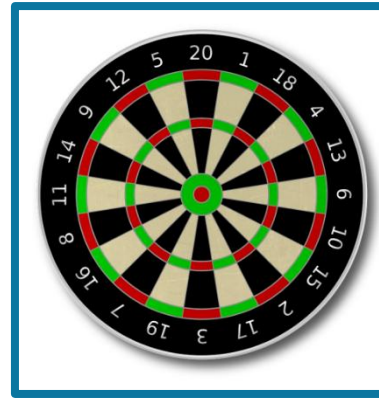
What is the smallest number you can now make- flip the cards.

Largest Number

- Deal 2, 3 or 4 cards to each player.
- Players arrange their cards to make the largest possible number with the cards that they have been dealt, e.g. with cards 2, 5 and 8, a player would make 852.
- The player with the largest number in each round keeps the cards they were dealt.
- The game ends when there are not enough cards to deal out. The winner is the player who has collected the most cards.

Darts

A darts board which can be purchased for a low price is a great way to practise number skills. You do not need to purchase a real dart board; foam ones are perfect too. Many of our Year 5/6 have benefitted from improving their number recall skills and addition by attending our school Darts club after school on a Monday.



Race to 100

- 2 players
- Take turns to throw 3 darts each.
- Add up your score, then add onto your existing total.
- First one to reach 100/200/ 500

101

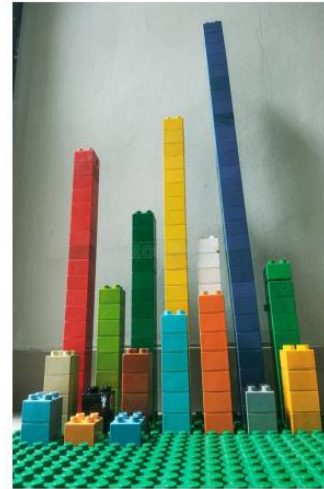
- 2 players
- Take turns to throw 3 darts each.
- Add up your score, then subtract from 101/301/501
- First one to reach 0 wins.



Lego ideas.....

Times table towers

- Using the same block, create towers of all different sizes but no taller than 12 blocks.
- Can you calculate the value of the tower by multiplying the number of studs with the number of blocks?



Towers of 10

- Build towers of 10 bricks using 2 different coloured bricks.
- How many different ways can you make 10?
- Record your towers using a number sentence.

Uno



Odd & Even

- 2 players, choose who is going to be odd or even.
- Turn all the cards face down.
- Find pairs of odd or even numbers.
- First one to find all of their pairs, wins.

Uno Flip-Addition

- Write a +symbol and a = symbol onto a post-it note and place face up, leave room for the Uno cards to sit between the symbols.
- Divide your Uno cards into two piles and place as shown in the picture.
- Flip over one card from each pile it into the addition equation.

For mental maths. Say the answer out loud as quickly as you can.



Dominoes

Addition

- Choose a domino, add up the two amounts from each side.
- Find the answer on the sheet of paper and place the domino on top.
- Can you cover all the answers on the paper?
- *Challenge* Time yourself, can you beat your time on the next turn?



Multiplication

- Find all the dominos that have 3 or 4.
- Choose a domino, multiply the two amounts from each side.
- Find the answer on the sheet of paper and place the domino on top.