

# Learn your Addition and Subtraction Facts

+ vocabulary  
 add      plus      more than  
 sum      total

- vocabulary  
 subtract      take away      difference  
 minus                      less than

## Little and Often

Looking at the flashcards for 3 minutes 5 times a week is more effective than 15 minutes once a week.



## Revisit the Tricky ones

Shuffle the cards and show a card a time put the known ones down, say the answer for the unknown ones and put back in the pack.

## Random Pick Up

Lay all the flashcards upside down. Ask your child to pick one up. Ask them to read the question and then say the answer - if they can do this immediately without using their fingers put it to one side. If not solve it together, say the calculation a few times e.g. 3 plus 4 is 7, 3 plus 4 is 7, then mix it back into the pile.

Do this with a MAXIMUM of 3 different number bonds each time you play.

## Use our strategies

Let's find all the ones with add or subtract zero. What do we know about these calculations?

What happens when we add one?

What happens when we subtract one?

Can you find any doubles?

What happens when we subtract the same number e.g. 4-4, 3-3?

What happens when we subtract the previous number e.g. 4 - 3, 5 - 4, 2 - 1?

## Use fingers to show

Try and encourage your child to 'know' these facts but using fingers to show the answers can be really helpful. E.g. 5 + 3, put 5 fingers straight up and then 3 fingers straight up to recognise this is 8 altogether.

## Use Counters (if needed)

Use counters, stones, bits of pasta to show the calculation if needed but we are eventually looking for our children to just know the answer.



## Addition is Commutative.

If I know 4 + 1 is 5, then I also know 1 + 4 is 5. I know I can add numbers in the order easiest for me.

## Use the Inverse

If I know 3 + 2 is 5, then I know 5 - 3 is 2 and 5 - 2 is 3.

## Bonds to 10

These are key facts that will help us once we go beyond 10.

0+10, 1+9, 2+8, 3+7, 4+6, 5+5,  
 6+4, 7+3, 8+2, 9+1, 10+0

## Sort by answer

Lay all the flashcards face up. Can you find all the ones with an answer of 3 or 0 or 5 etc?

## Adding and Subtracting Beyond 10

### Adding across 10

We can use our number facts to 10 to help us.

For example, 8 + 6,  
 8 + 2 makes 10,  
 then 4 more to add on to 10 which makes 14.

### Subtracting across 10

We can use our number facts to 10 to help us.

For example, 12 - 7,  
 12 - 2 makes 10,  
 then take 5 more away to make 5.

