

**Resources** – Packs of playing cards 1 between 2

Use Ace=1, Jack=11, Queen=12, King=13

For all of these activities give a time limit of 1 minute/2 minutes. This will aid speedy recall of addition, subtraction and times tables facts. Aim towards 15-20 questions correct within a 1 minute (or 3 seconds recall per question).

## **Timetables Practice**

1. Use Ace-Queen (1-12). Turn over cards one at a time and multiply by the number timetable which needs to be reinforced....x2, x3, x4 etc (focus on one timetable)
2. Use the same cards, but this time turn over 2 cards at the same time and multiply together. Keep track of answers on a mini whiteboard to keep tally of 'personal best'.

## **Addition and Subtraction Practice**

1. With younger children, use only Ace-5 cards. Focus on one number and add this number onto the number of the card turned over. E.g. 2+3, 2+1, 2+4.....as children become more confident increase cards to include 6, 7, 8, 9,10.
2. Restrict cards to be used to the level of children. Turn over 2 cards each time and add together. Keep a record of answers on mini whiteboard to keep tally of 'personal best'. As confidence improves include Jack, Queen and King.
3. As children become more confident and fluency improves, this activity will allow opportunity for mental addition with larger numbers. Start by turning over 2 cards, add together and then turn over 1 card each time adding onto the total of previous cards. To differentiate, limit playing cards used to lower numbers and increase as children become familiar and more fluent with addition. This also gives opportunity for mental strategies to be discussed....adding 10, adding 9, 8, 11, 12, number bonds to 10, odd and even numbers...
4. Number bonds to 10 practice. Use single digit playing cards, turn over one card at a time and subtract from 10. Record answers on mini whiteboard.
5. Number bonds to 20 practice. As for above. Can extend by including Jack, Queen and King.
6. Find the Difference/How Many More. As 4 and 5 above, but work out the difference between the playing card turned over and either 10 or 20 depending on which is used.
7. Subtraction from 100/200. Use cards 1-10 and, as children become more confident, include Jack, Queen and King. Turn one card over each time and subtract from 100/200. Keep record of answers on mini whiteboard.
8. Extension activity for no.7: Start at 400, turn over a card, double it, then subtract from 400....repeat
9. Addition & subtraction together: Start at 200, if you turn over a red card, add on. If you turn over a black card, subtract