

# Maths Card Games

The following games were taken from an online article.

The link below will take you to the article which contains the original post and links to other card games.

<https://bit.ly/2Xe55da>

A suggested year group has been added to the top corner of each slide for the age ranges each game would be more appropriate for, but feel free to give any game a go.

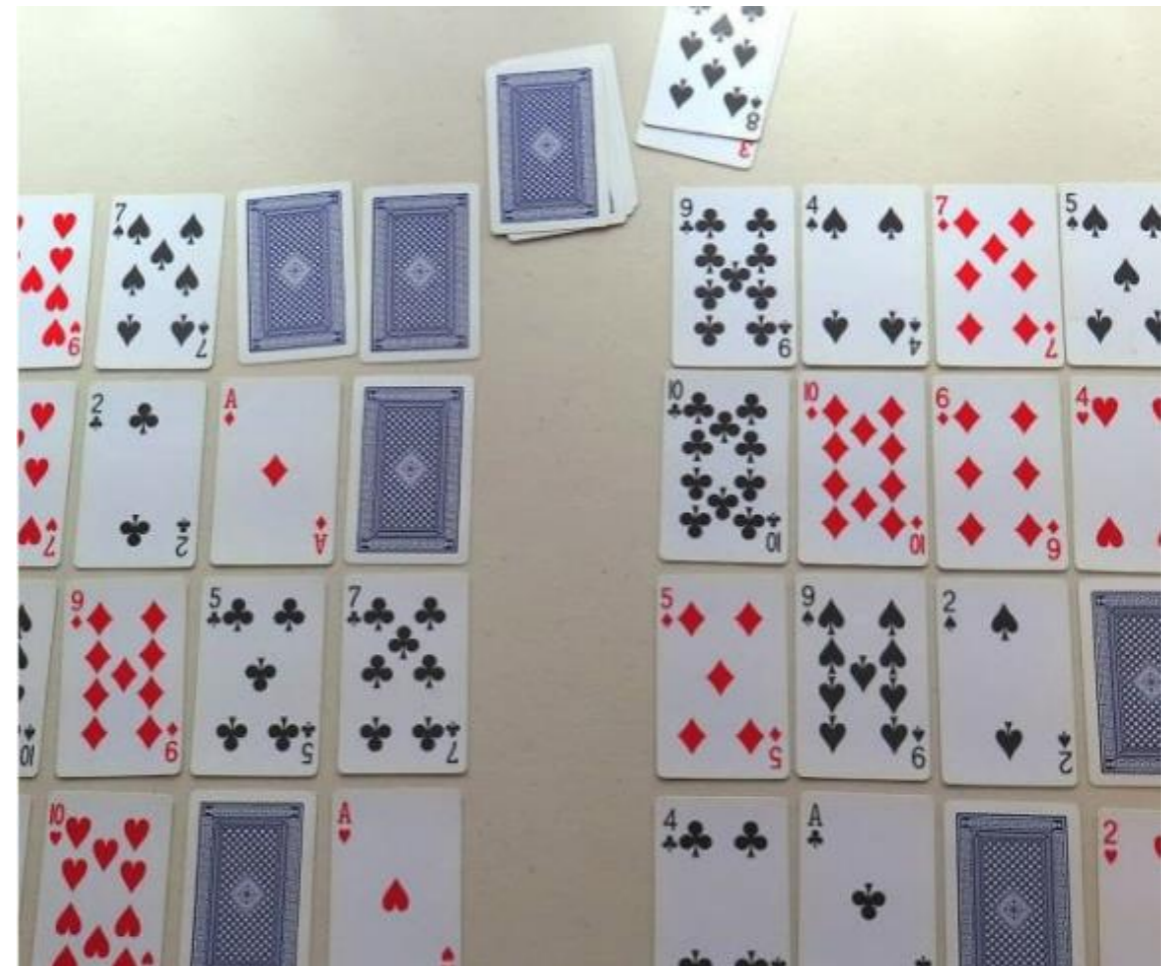
If you need any help, please remember to email your child's class' email account. This would be your child's class name followed by @boxgrove.greenwich.sch.uk

For example, Mr Elliott's class would be 4jm@boxgrove.greenwich.sch.uk



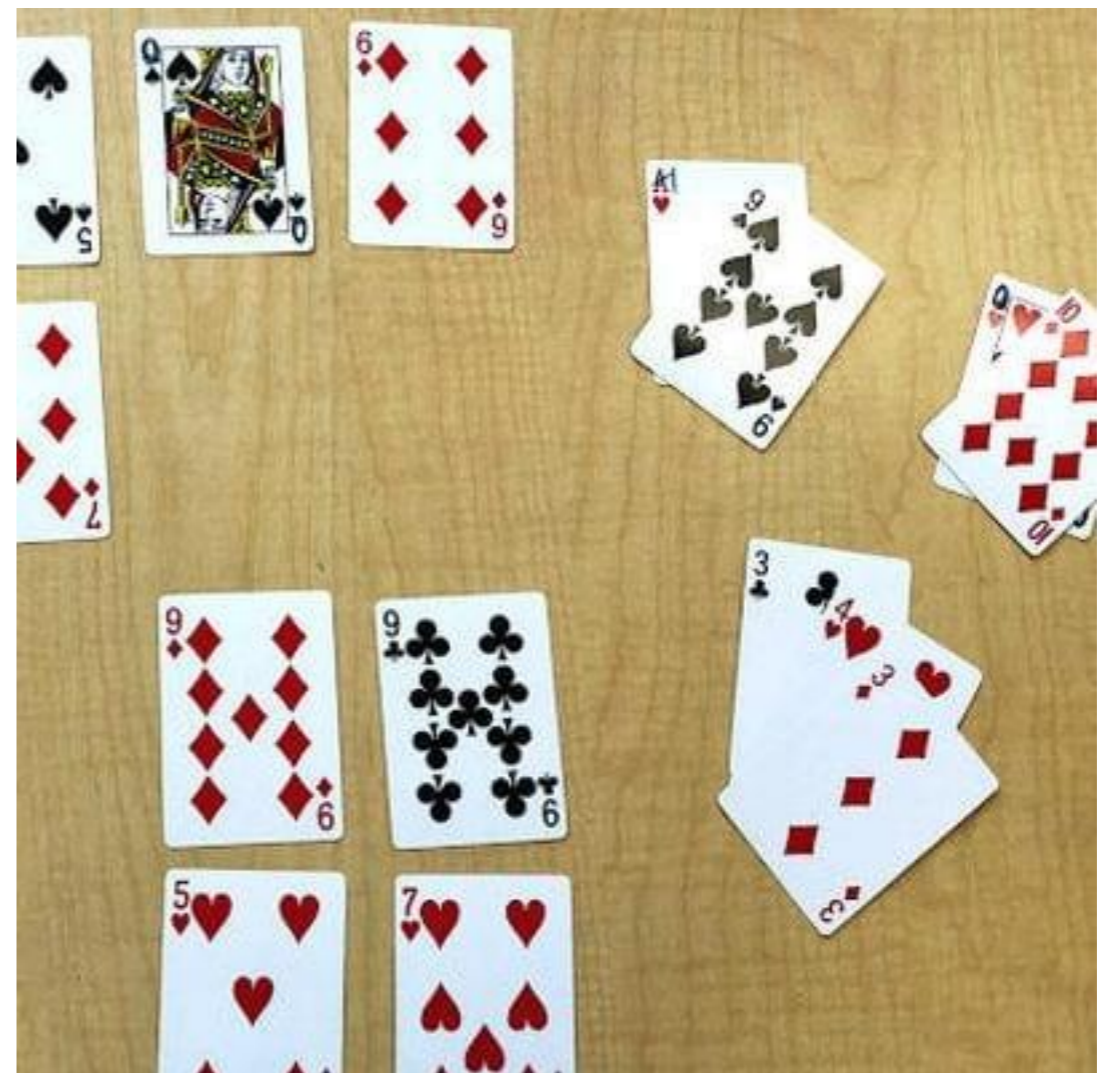
## Learn numbers with BINGO

- Remove face cards and have each player lay out a 4 X 4 playing board of cards.
- Remaining cards are placed face down (separate pile).
- A caller flips over a card, if a player has that number on their board, they turn the card face down.
- Play continues until one player has a row flipped over either horizontally, vertically, or diagonally.
- When a player completes a line they call out 'BINGO!'
- The official rules can be found on the original article link on the first page.



## Try for a total of 10

- Play this game alone or as a team.
- Lay out 20 cards on the table.
- Leave out face cards or change them to equal 0, while aces equal 1.
- Players remove sets of cards that add up to 10, ultimately trying to remove all the cards from the table.
- It's harder than you think!
- The official rules can be found on the original article link on the first page.



## Declare a fraction war

- War is one of the original math card games, but this version adds a fraction aspect.
- Players deal out 2 cards, for a numerator and a denominator.
- Players determine whose fraction is the largest.
- The winner keeps all four cards.
- Play continues until all cards are gone.
- The official rules can be found on the original article link on the first page.



Y1 – Y4

## Find a way to make 10, 15 or 20

- The original goal of this game is to look at the 4 cards you are dealt to find ones that add up to 10.
- You can change this number to 15, 20 or any number you choose.
- You can also add to the difficulty by allowing addition and subtraction.
- Rules and printable can be found on the original article link on the first page.



Y4 – Y6

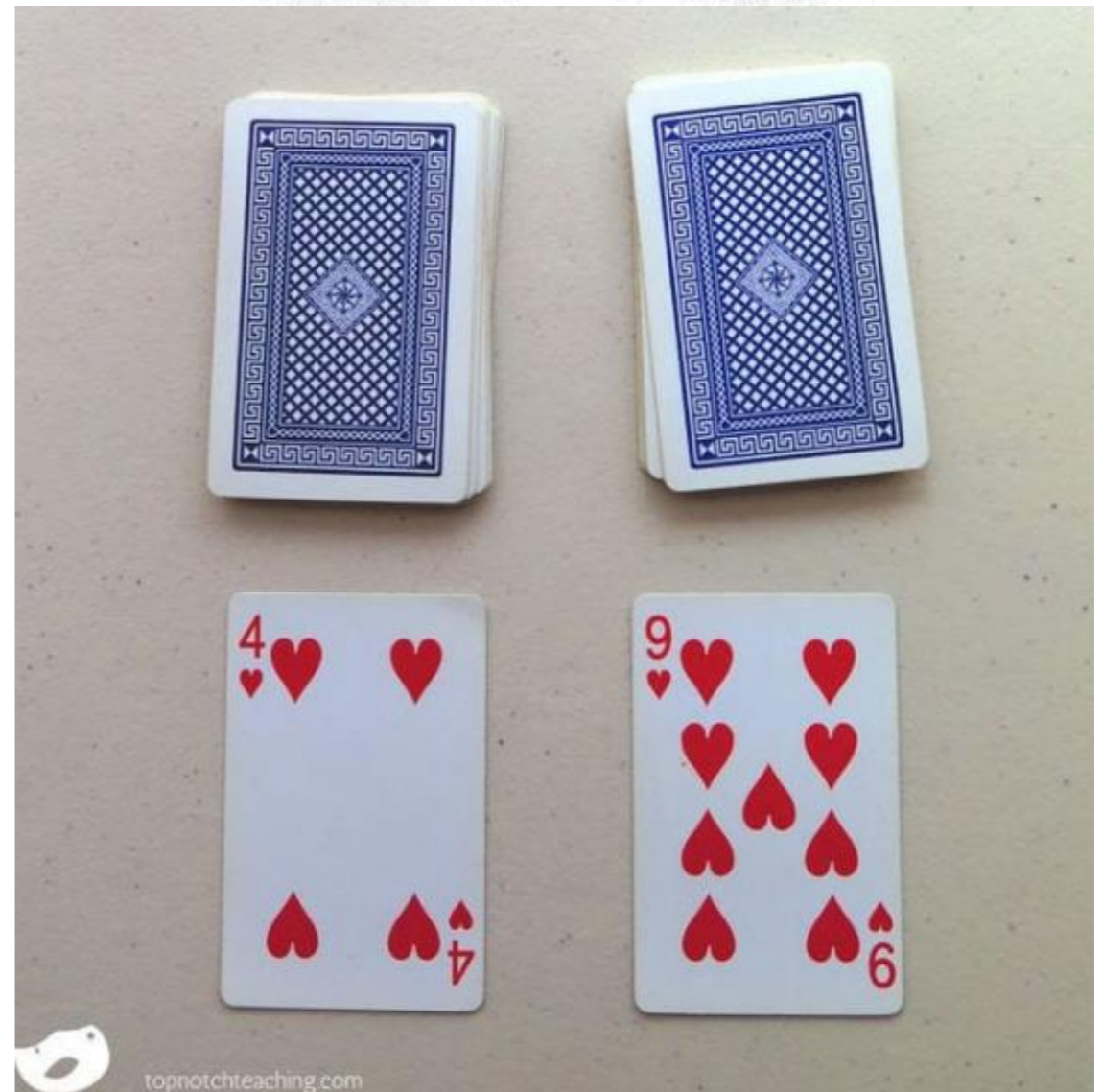
# Practice number sequencing with Builder's Paradise

- To play Builder's Paradise, discard the face cards and lay out the 4 sevens in a deck side by side.
- In each round, players work to add the next higher or lower number in each suit, trying to be the first to get rid of all their cards.
- The official rules can be found on the original article link on the first page.



# Basic fast fact practice

- Lay down two card from the deck.
- Add, subtract or multiply them.
- You can remove face cards or use them to count as 10, 11 and 12 to practice multiplication tables.
- You can compete to see who calls out the answer first.
- Winner keeps cards.
- Most sets of cards is the winner.



Y1 – Y4

# Pyramid Solitaire

- This game can be played alone or in teams.
- Lay out the cards to make a pyramid.
- Find cards that add up to 10 to clear the pyramid row by row.
- The official rules can be found on the original article link on the first page.





Y1 – Y3

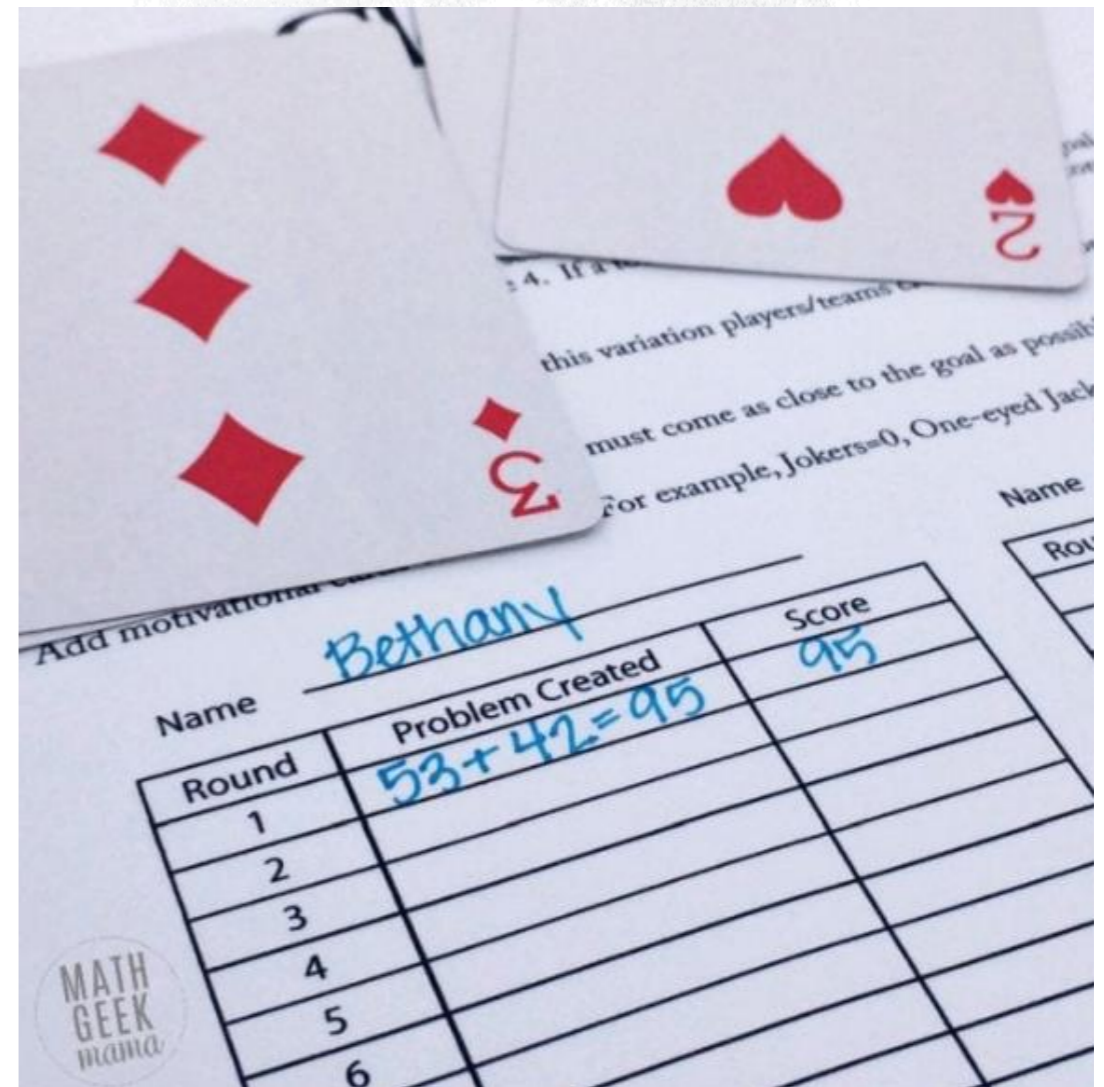
# Go Fish for 10

- This is an adaptation of the game, Go Fish.
- In this version, players are fishing for pairs that make 10.
- Players ask each other for cards to make 10.
- Leave out face cards and change aces to 1.
- The official rules can be found on the original article link on the first page.



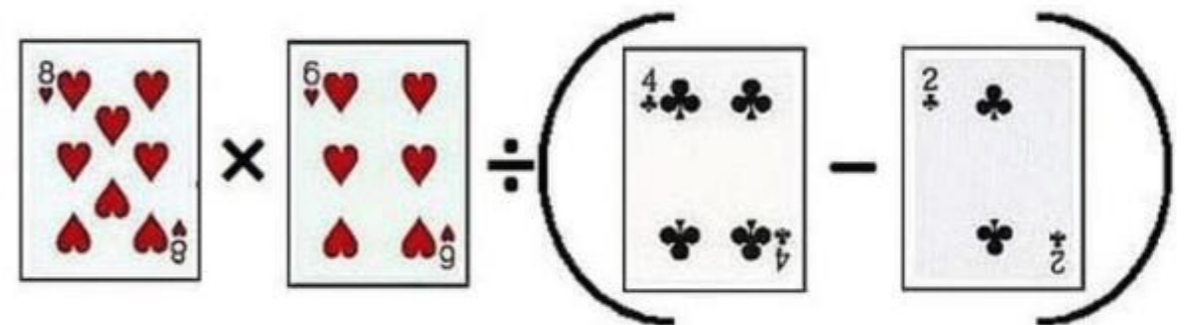
# Close Call

- Each player deals themselves 4 cards.
- Players use their cards to make 2 2-digit numbers that when added together get as close to 100 as possible.
- Players cannot go over 100.
- For subtraction, players get as close to 0 as possible.
- The official rules can be found on the original article link on the first page.



# Use order of operations to make 24

- Each player is dealt 4 cards.
- Players use the order of operation rules to try and make a number as close to 24 as possible.
- Simple but challenging.
- The official rules can be found on the original article link on the first page.



The image shows a mathematical expression using playing cards. It consists of four cards: an 8 of hearts, a 6 of hearts, a 4 of clubs, and a 2 of clubs. The 8 of hearts and 6 of hearts are multiplied together. This product is then divided by the difference between the 4 of clubs and the 2 of clubs. The entire division part is enclosed in large parentheses.

$$8 \times 6 \div (4 - 2)$$

## Spiral Maths Facts

- You will need a pair of dice for this game.
- Lay out cards randomly, in a spiral, as shown in picture.
- Players start at the center.
- Player 1 rolls dice and moves their piece the number on the dice.
- Player must multiply (add or subtract) the card number by the number on the dice.
- If they get the answer correct, they stay where they are.
- If the answer is incorrect, they return to their original card.
- Play continues until one player reaches the end.
- The official rules can be found on the original article link on the first page.



Y6 +

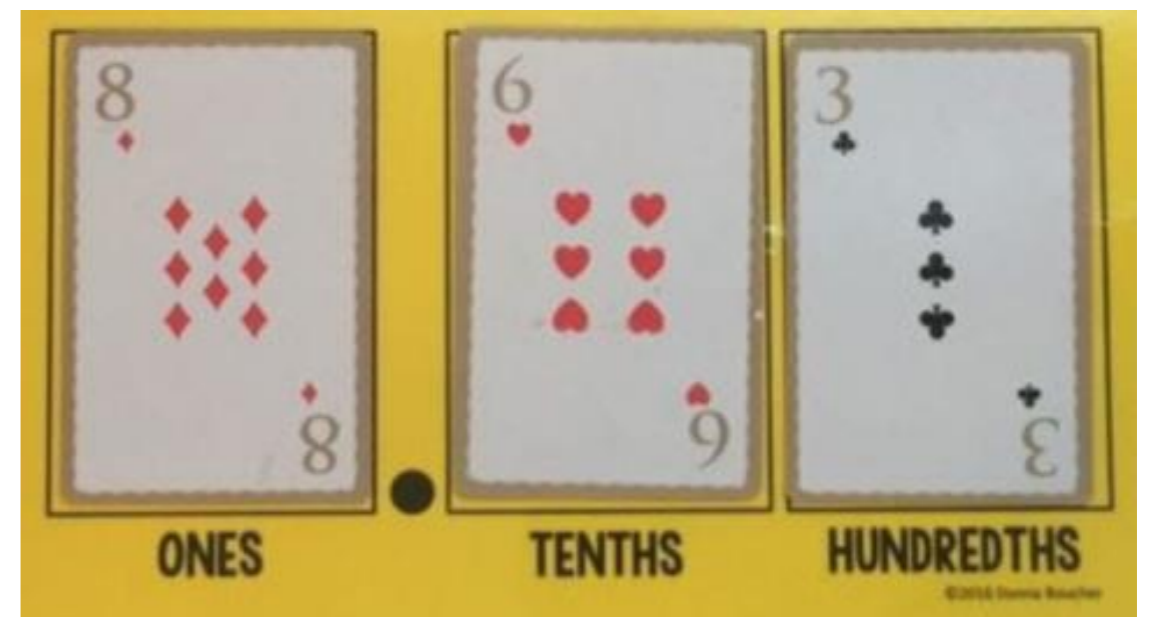
# Race to Pi

- Players work to lay out the digits of pi in order.
- Players take a card from the pile and try to put the next number to complete pi.
- The official rules can be found on the original article link on the first page.



# Triple Digit Dare

- Each player gets 3 cards to make the highest 3-digit number they can.
- You can use decimals also.
- Each player has a turn to stick with the cards they have or swap one from the deck.
- Players can also steal one from their opponent.
- All players lay down their best number to see who wins.
- The official rules can be found on the original article link on the first page.



# Mind Reader

- Two players draw a card from the deck without looking at it and hold it up to their forehead facing out (as image shows).
- A third player mentally multiplies the numbers and gives them the product.
- The two players must figure out what number each is holding.
- You can do this with addition and subtraction as well.
- The official rules can be found on the original article link on the first page.

