Number Champions
1 2 3 4 5
fun + skills = confidence

Resource for Year 2 Core Curriculum

Year 2: Addition: Mentally add all pairs of 1-digit numbers including sums over 10.

Shut the Box – playing card version

Aim of the Game

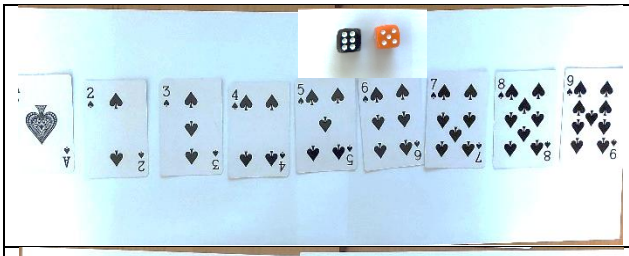
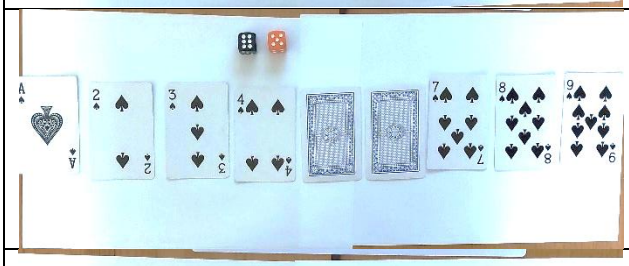
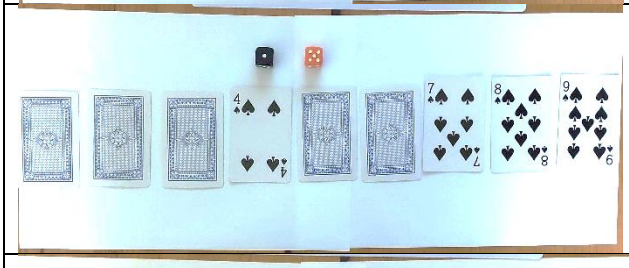
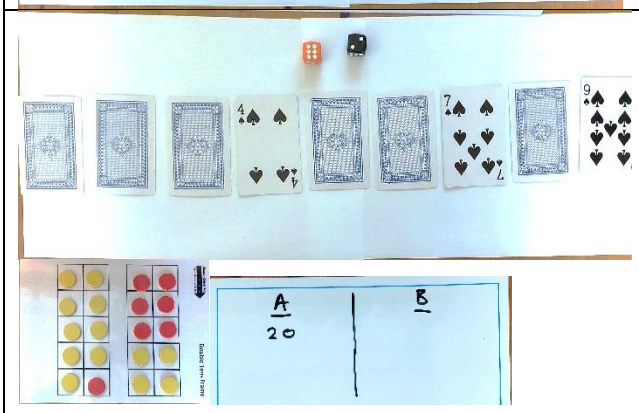
Roll the dice to decide which 1-9 cards you can turn over. Turn over all your cards to "shut the box!" or have the lowest total score at the end to win.

The original version explained: https://www.youtube.com/watch?v=5J4O2BSy85I&authuser=0

You will need



Play

	Lay out cards Ace to 9 as shown. Ace is 1. Player A goes first. Roll 2 dice. "I've rolled a 6 and a 5. That is equal to 11. I can turn over cards 6 and 5 or any other cards that total 11."
	"I'm going to turn over 5 and 6." Player A rolls again.
	"I've rolled a 1 and 5. That adds up to 6. I can turn the 1 and the 5 card or any cards that equal 6." "The 5 and 6 have already been turned! How else can I make 6? 1 + 2 + 3 = 6. So I'll turn 1,2 and 3 over"
	"I've rolled a 6 and a 2. 6 plus 2 is 8. The 2, 6 and 8 cards are already turned. Can I make 8 another way? No! That's the end of my go so now I work out my score: 9 plus 7 plus 4 equals…. 20." Have resources on hand to help e.g. 10 frames and counters or a number line and record the scores. Now Player B plays with a fresh card set up – can they beat player A's score? Can they "Shut the Box!" and score 0!?!?!

Reflect

- What can I do next time to get a lower score?
- Was I lucky or skilful? Or both?!

Adapt

- Play as a team trying to “shut the box” together.
- Simplify - Turn the only the cards over that match the dice numbers to start with.
- Sit opposite each other with a row of cards in front of each player and take turns – notice how each other is doing on each turn. Can they work out who has won before the end?
- Play ‘best of 3’ or keep a running total to see who has the lowest score after 3 rounds.

Maths talk

In this game, children build on their understanding of addition and the composition of numbers. They are supported by concrete resources and will begin to rely on mental processing as they gain confidence. Fluency in adding pairs of 1-digit numbers is an essential skill to master before moving onto adding 2-digit numbers and beyond.

Things to look out for

- Do they rely on concrete resources or can they recall addition facts?
- Are they starting with the greater number when counting on?
- Can they spot more than one option and make the best choice?

Mathematical Language

addition	*altogether*	*lowest*
plus	*equal to*	*highest*
total	*more than*	*less than*