

Spelling Aces

Card A				Card B			
29	57	43	76	21	31	49	65
84	72	67	25	36	82	69	59
71	35	58	89	55	86	26	44
53	68	63	34	81	64	32	22
24	48	85	39				
Card C				Card D			
27	75	38	89	42	66	52	
83	87	74	33	56	46	61	
79	23	28	37	51	41	62	

Twenty	Sixty	One	Five
Thirty	Seventy	Two	Six
Forty	Eighty	Three	Seven
Fifty	Ninety	Four	Eight
			Nine

Preparation.

Put the 4 aces at the 19 th , 29 th , 41 th and 50 th positions in a deck of cards. Count twice to be sure. Cut out the 4 cards shown above. Put the cards in the order A, B C, and D and rubber band them with the deck.

Optional: A card with the spelling's for the place values of the numbers is provided. You could put it out on the desk to assist students if you want to provide that assist.

Procedure.

Place 4 students facing you in a line in front of a desk or table. Hand the student on your left Card A and the next student Card B and the third student Card C and the forth student Card D.

You start the trick by showing an example. You say “ I will select a number from a card. Lets say I chose the number 42 from Card D. I will spell out the number 42 by dealing cards face down on the desk. You then deal 8 cards onto the desk. As you deal each card **say each letter out loud** so they hear the letters being spelled out. Tell the students that you are going to take **the top card from the deck in my hand** and without looking at it and put in on the desk face down. Point to that card and lay it face down on the desk. Take **all the cards you have used** and place them in one stack on the desk in front of the students. Tell the students that they will now do just what they saw you do.

Hand the deck to the student at the far right of the line with Card A. Ask the student to select any number from their card and say it out loud. They now need to do just what they saw you do. They are to spell out the number they selected by dealing that many cards face down onto the pile of cards already on the desk. Have them **say each letter out loud as deal each card** face down onto the existing stack. They will now take **the top card from the deck in their hand** and without looking at it put in face down on the desk. Take the deck from them and hand it to the next student in line with Card B. Have that student do the same thing as the last student. Finish by having the students with Card C and then Card D spell out the number they selected.

After the students have dealt out the 4 cards face down in front of them collect the rest of the cards and put them aside. Ask the students to turn over their cards.

They have all chosen an Ace.

Pick up all the cards , shuffle them a few times and put **all the cards back into the card box**. I then put the card box in my pocket or in my carry bag.

Note: This trick cannot be repeated with the same deck. You can reuse Cards A,B C and D.

It is common to be asked to repeat a trick . If you want to repeat the trick reach into your carry bag or pocked and bring out **a second prearranged deck**. You can decide if the second deck will have the aces in the correct position or some other card. You can reuse Cards A,B C and D. The students can switch the cards amongst themselves as long as you can tell who has which card. If you do not repeat spelling your number the cards need to go in the 11th, 21th, 33rd and 42nd spots

Optional: You can have the students stand in any order and give them any card to use as long as you can see the letters on the cards and have the students deal in the A , B , C and D order.

Optional: Put 2 Kings and 2 Queens in the deck at the listed locations. Select 2 boys and 2 girls to help with the trick. Hand out the cards so that the boys get the kings and the girls get the queens. At the end you can say the students are the kings and queens of spelling. I

Optional: These additional numbers could have been used for the cards listed.

Card A 47 , 94 , 95 , 99

Card B 45 , 44 , 91 , 92 , 96

Card C 88 , 93 , 97 , 98

How it works:

The cards seem to have a variety of numbers on them and the arraignment seems random. All the numbers on a card have one thing in common. It takes the **same number of letters** to spell every number on the card.

All the numbers on Card A are spelled with 10 letters.

All the numbers on Card B are spelled with 9 letters

All the numbers on Card C are spelled with 11 letters.

All the numbers on Card D are spelled with 8 letters.

When you spell out the word forty two and placed the cards on the desk you have used up 8 cards.

When the student spells out their number from Deck A they have now used up 10 more cards. A total of 18 cards have been used. If there is an ACE at the 19th position in the deck that will be the card the student takes from the deck and places on the desk. A total of 19 cards have been used.

When the student spells out their number from Deck B they have now used up 9 more cards. A total of 28 cards have been used. If there is an ACE at the 29th position in the deck that will be the card the student takes from the deck and places on the desk. A total of 29 cards have been used.

When the student spells out their number from Deck C they have now used up 11 more cards. A total of 40 cards have been used. If there is an ACE at the 41 th position in the deck that will be the card the student takes from the deck and places on the desk. A total of 41 cards have been used.

When the student spells out their number from Deck D they have now used up 8 more cards. A total of 49 cards have been used. If there is an ACE at the 50th position in the deck that will be the card the student takes from the deck and places on the desk.

If the Aces are at the 19 th , 29 th , 41 th and 50 th positions the students will all turn over an ACE.