

2° Euro - Magic and maths !!

My maths colleague wanted to teach a unit wherein she would explain how card tricks can be mathematically solved...so my students and I played cards (well, sort of...). It is a fun, and short lesson to do with them (took me 3 hours which eqals about 3 weeks...). Hope it works as well for you as it did for me !

I. Obtaining vocabulary through seeing and listening !

Video 1 How to play Solitaire <http://www.youtube.com/watch?v=298zCy9cm-Q>

1. Watch without the sound to guess as many words as possible
2. Watch with the sound and underline what you hear. **Student doc 1**

You need a DECK of 52 playing CARDS

You will have HEARTS 13 DIAMONDS 13 SPADES and 13 CLUBS

Within each SUIT there will be an ACE a KING a QUEEN a JACK

But before you can play, you must mix up the cards = you must SHUFFLE the cards.

NB - I take advantage of the fact that in the listening exercise, all the other words can be used as extra vocabulary !

Video 2 How to deal the cards <http://www.youtube.com/watch?v=OPsXexurde4>

Watch the video once paying careful attention to what is said.

Unscramble the sentences, then watch again to check. **Student doc 2**

1. First, deal seven cards horizontally, the first card on the left is face up.
2. The rest are face down.
3. Skip the first one, skip the next one.
4. Stack the remaining cards in what is called a stock pile.

II. **Memorising :**

Après tout ceci, une activité pour aider à la mémorisation !! Trouver le vocabulaire et les expressions qui vont avec les images.

III. **Group work - brain teasers**

Je leur donne une aide (boîte) car j'exige qu'ils ne parlent qu'en Anglais, mais parfois dans le feu de l'action... nous répétons ensemble plusieurs fois afin de parfaire l'intonation, de leur faire comprendre l'emphase, etc.

Take a deck of cards and then shuffle them.

Next you deal the cards face down.

Each player gets seven cards.

The players sort the cards into numbers or groups of face cards.

IV. **Reading comprehension**

Les règles du jeu sont dans le désordre - activité difficile, mais tout à fait faisable EN GROUPE !!! J'ai divisé les règles en deux, la première partie étant plus facile que la deuxième - à donner donc à ceux qui ont plus de mal.

V. **Rules - in the right order !**

Number of Players: 2 or more

Instructions:

The dealing depends on the amount of players participating in the game. If there are two or three, each player **is dealt** seven cards, but if there are more people taking part, they are only dealt five. The remaining cards are placed face down in the middle to form the "fish" pile.

The players then have to **sort their cards** into **groups** of the same number or picture (i.e. a group of fives; a group of Queens), making sure not to show any other player their hand. Then, to start, the **person to the left** of the dealer asks any other player for cards of any one of the groups he holds in his hand (for example, if he has two Kings, he may ask the other player for Kings). If the other player has any of the cards he is asked for, he must **hand them over**. The "requester" can then go on asking the same player for more cards until the player does not have the cards he wants.

A player who does not have the cards he is asked for tells the requester to "go fish". The requester then has to take one card from the "fish" pile and the person who told him to "go fish" becomes the new requester.

Anyone who collects all four cards of a set (i.e. all four Knaves) puts them face down in front of him.

The winner is the **first person to have nothing left but** a collection of complete sets. If two people **run out of cards** together, the player with the most **sets** wins the game.

VI. **And now, let's play !**

Il faut commencer TRES lentement car la tentation est GRANDE de se remettre à parler en non-anglais ! De plus, ils ont besoin de temps pour s'habituer à utiliser des phrases très spécifiques. Au fur et à mesure des besoins, les nouvelles expressions sont marquées au tableau. On joue d'abord en tant que classe, mais pas trop longtemps.

J'explique qu'il y a **deux objectifs** ici : jouer et utiliser autant de mots et d'expressions que possible.

3-4 joueurs et un juge. Le JUGE a la responsabilité de compter les nouvelles expressions utilisées par les élèves - il a donc une feuille avec les phrases, et note les initiales de chaque joueur. Je donne toujours le rôle de juge au plus faible d'abord afin qu'il se (re)familiarise avec les phrases, qu'il les (re)entende.

Chaque partie est limitée en temps - je leur donne 6-8 minutes environ. Après ce temps, les joueurs doivent placer leurs cartes sur la table (face down), puis on compte les points de chacun, je relève les points. Ensuite, le juge remplace un des joueurs qui devient juge à sa place !! (Je reconnais avoir eu recours au chantage et avoir donné un bonbon à celui qui avait le plus de points...)

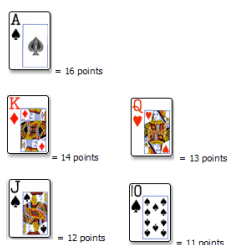
TACHE FINALE : Production orale en continu

Nous avons fait ceci en salle multi média, et les résultats ont été plus que satisfaisants !! J'avais projeté (video projecteur) toutes les images (dont quelques exemples ci-dessous) afin de rappeler aux élèves les mots que je voulais entendre !!

You have met a Martian who has just arrived on earth. It is bilingual (English and Martian), it is very playful and wants to learn all about different games. Cards do not exist on Mars, so you will have to explain **EVERYTHING!**

Be logical, keep your English simple, use the right vocabulary!!!

Choose an easy game which you will explain to the Martian visitor.



Start with this sentence:

So, you want to know all about CARD GAMES...

Student doc 1

LISTEN TO THE VIDEO AND UNDERLINE THE RIGHT WORDS:

You need a DECK /DIG /PECK of 52 playing CARDS/ CARTS/ COPS.

You will have 13 HATS/HEARTS/ARTS,
13 DIAMONDS/DIEHARDS/DICE,
13 SPACES/SPATS/SPADES and
13 CUTS/CLUBS/CLASSES.

Within each SHOOT/ SUIT/ COLOUR

there will be an ACE/ASS , a KING/KING, a QUEEN/KIN, a JAB/JACK.

But before you can play, you must mix up the cards = you must SHUFFLE/SNUGGLE/MUDDLE the cards.

Student doc 2

I. Re-order these sentences: then check by listening to the video again

cards on face seven first deal card left up the horizontally the is

.....

face rest down are the

.....

one one skip skip the, the next first

.....

pile the what remaining a called stack cards in is stock

.....

HERE ARE THE EXPRESSIONS THAT YOU MUST MATCH TO EACH VIGNETTE PICTURED BELOW:

Four different suits

Cards are worth

Pile of cards

Shuffle

Players/ Number of players

Royal cards /Face cards

Winner

Ace

King

Queen

Knave/Jack

cut the cards

Deal the cards

face down / face up

Deck/Pack of cards

I. Unscramble the words !!!

osmidand

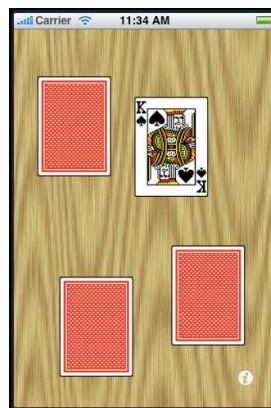
srheta

lusc

dsaspe



II. Write the expression or word under the picture !!



A♠ = 16 points

K♦ = 14 points

J♠ = 12 points

Q♥ = 13 points

10♠ = 11 points

RDY - Lycée



NAY (74)

III. Use your brains to figure out which letters are which !!

You'll get **some instructions** on how to play the card game...

Language help: If 12 is D, then I'm sure that a 10 corresponds to T, right?
 Yes, but look, if 10 is T then 12 must be D, don't you think?
 Look, 12 has GOT to be D hasn't it? Yes, and a 5 is obviously ...
 Yes, I think so. I guess so. I suppose so. Well, actually I'm not so sure...
 No, I don't think so... Gosh, I really don't know... D'you think so?

A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z
			12																2	10					

T 10 5 23 15 5 **D** 12 15 14 23 8 21 14 5 22 12 2 **D S** 5 9 12 **D** **T** 10 19 15 9

S 2 19 24 21 21 20 15 **T** 10 19 15 11 .

A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z
			12																2	10					

T 10 5 23 15 5 **D** 12 15 14 23 8 21 14 5 22 12 2 **D S** 5 9 12 **D** **T** 10 19 15 9

S 2 19 24 21 21 20 15 **T** 10 19 15 11 .

A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z
						26							14						3					5	

T 3 17 25 **y** 22 19 15 5 25 2 21 **T** **T** 21 7 2 3 3 17 25 11 15 2 12 21

N T 18 14 3 7 **N** 14 24 23 10 25 2 21 7 2 **G** 26 2 7 24 22 21 7 13

13 15 11 25 11 15 2 12 21 .

SOME BRAIN TEASERS FOR YOU, AS HOMEWORK!!

A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z	
			12				10										25									

$\frac{D}{12 \quad 24 \quad 2} \quad \frac{H}{14 \quad 10 \quad 24 \quad 1} \quad \frac{H}{22 \quad 10 \quad 11} \quad \frac{H \quad R}{24 \quad 22 \quad 10 \quad 11 \quad 25} \quad \frac{R}{26 \quad 9 \quad 18 \quad 16 \quad 11 \quad 25 \quad 14}$
 $\frac{R \quad H \quad D}{16 \quad 24 \quad 23 \quad 25} \quad \frac{H \quad D}{10 \quad 18 \quad 2 \quad 12}$

A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z	
		21												18												

$\frac{O}{5 \quad 26 \quad 3} \quad \frac{C}{18 \quad 17 \quad 11 \quad 3 \quad 21 \quad 5} \quad \frac{O \quad C \quad O}{19 \quad 20 \quad 5 \quad 18 \quad 21 \quad 18 \quad 16 \quad 16 \quad 3 \quad 21 \quad 5} \quad \frac{C}{12 \quad 25 \quad 18 \quad 24 \quad 2 \quad 20}$
 $\frac{O}{18 \quad 22} \quad \frac{C}{21 \quad 9 \quad 25 \quad 13 \quad 20}$

A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z	
																		11				23				

$\frac{W}{17 \quad 1 \quad 15} \quad \frac{S}{23 \quad 2 \quad 19 \quad 19 \quad 15 \quad 22} \quad \frac{W}{2 \quad 11 \quad 17 \quad 1 \quad 15} \quad \frac{W}{13 \quad 19 \quad 15} \quad \frac{W}{23 \quad 1 \quad 13}$
 $\frac{S}{13 \quad 19 \quad 12 \quad 5} \quad \frac{S}{1 \quad 21 \quad 11} \quad \frac{S \quad S}{4 \quad 13 \quad 10 \quad 20 \quad 12 \quad 15 \quad 17 \quad 15} \quad \frac{S \quad S}{11 \quad 15 \quad 17 \quad 11} \quad \frac{S \quad S}{12 \quad 15 \quad 6 \quad 17}$

A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z	
														17					6							

$\frac{T \quad O}{10 \quad 23} \quad \frac{O}{6 \quad 22 \quad 17} \quad \frac{O}{24 \quad 2 \quad 17 \quad 24 \quad 20 \quad 2} \quad \frac{O \quad T \quad O}{8 \quad 13 \quad 11} \quad \frac{O \quad T \quad O}{17 \quad 13 \quad 6} \quad \frac{O \quad T \quad O}{17 \quad 23} \quad \frac{O \quad T \quad O}{25 \quad 16 \quad 8 \quad 15 \quad 18}$
 $\frac{T \quad O}{6 \quad 17 \quad 21 \quad 2} \quad \frac{T}{6 \quad 26 \quad 2 \quad 8} \quad \frac{T}{6 \quad 26 \quad 2} \quad \frac{T}{24 \quad 20 \quad 16 \quad 4 \quad 2 \quad 8} \quad \frac{T}{22 \quad 10 \quad 6 \quad 26}$
 $\frac{T}{6 \quad 26 \quad 2} \quad \frac{O \quad T}{19 \quad 17 \quad 18 \quad 6} \quad \frac{T}{18 \quad 2 \quad 6 \quad 18} \quad \frac{T}{22 \quad 10 \quad 11 \quad 18} \quad \frac{T}{6 \quad 26 \quad 2} \quad \frac{T}{21 \quad 16 \quad 19 \quad 2}$

IV. **Reading...**

Oh dear... the rules for the game have been cut in two, and are all muddled up. Try to figure out which order the sentences go in...then you'll be able to play!

Group A

The remaining cards are placed face down in the middle to form the "fish" pile.

2 or more

The players then have to sort their cards into groups of the same number or picture (i.e. a group of fives; a group of Queens),

Instructions:

The players must not show any other player their hand.

Then, to start, the person to the left of the dealer asks any other player for cards of any one of the groups he holds in his hand (for example, if he has two Kings, he may ask the other player for Kings).

If there are two or three players, each player gets seven cards, but if there are more people, they only get five.

Number of Players:

Group B

Anyone who collects all four cards of a set (i.e. all four Knaves) puts them face down in front of him.

The winner is the first person to run out of cards (= to have nothing left but a collection of complete sets).

If the other player has any of the cards he is asked for, he must hand them over. The "requester" can then go on asking the same player for more cards until the player does not have the cards he wants.

If two people run out of cards together, the player with the most sets wins the game.

A player who does not have the cards he is asked for tells the requester to "go fish".

The requester then has to take one card from the "fish" pile and the person who told him to "go fish" becomes the new requester.

JUDGE – here is your evaluation sheet!!

NOW, LET'S PLAY!!!

hand of cards run out of turn it over Draw/take/pick your cards

Sort them into suits/numbers Put them into the middle/ onto the pile/

Run out of cards/ use up all your cards/ be out of cards Turn over your card

Hand over the card we tied for the first place there's a tie

Doesn't matter does it matter? you have to skip a turn (trump cards)

What you need to do is... you absolutely mustn't ... it's a good idea to...

Before we start.../ beforehand, we... First of all

If you... then ... **you shouldn't** show your hand... you **should have** taken

Careful/Look out! X can see your hand... Clockwise anti/ counter clockwise

Gap fillers : what I mean is so that That is to say... do you mean that...?

Initials :

1st round

2nd round

3rd round

4th round