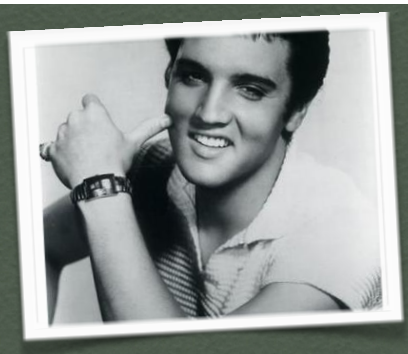
Probability

What are the odds?

11	12	13	14	15	16	17	18	19	20
21	22	23	24	25	26	27	28	29	30
31	32	33	34	35	36	37	38	39	40
41	42	43	44	45	46	47	48	49	50
51	52	53	54	55	56	57	58	59	60
61	62	63	64	65	66	67	68	69	70
71	72	73	74	75	76	77	78	79	80
81	82	83	84	85	86	87	88	89	90







Odds
Chances
What's the chance that?
What are the chances?
It's improbable
It's unlikely
It's very likely that
To bet on something
To take a gamble
To figure something out
To calculate the odds
The chances are nil
There's no chance that
In all probability
In all likelihood
Against all odds
There is zero probability of that
In all probability

Activity One - Lucky numbers!

Take turns calling out a number from the grid by giving the horizontal and vertical references. Choose someone from the group to read the number and to answer the following questions: ***Do you have a lucky number and if so what is it***? Are you ***superstitious about the numbers of things, seats in a plane, dates, room numbers etc... Do you thing they have meaning***?

Elvis ain't dead - Listen to the song and follow the lyrics.

When I was young, I never knew
what this thing called love
could do to you
but since you been gone
and I've been on my own
I've been feeling quite peculiar
but I'll get by without your smile
I'll get through without you
But I wish it was me you chose
I wish it was me you chose
I wish it was me you chose
I wish it was me you chose
cause Elvis ain't dead
and you're coming back
and Elvis ain't dead
and you're coming back
Since you been gone
I can do what I like
but it doesn't mean a lot to me
I'm all shook up
and I'm lonesome tonight
I think I need a love lobotomy
but I'll get by without your smile
I'll get through without you
But I wish it was me you chose

Activity Two - *Probability.*

Explain why the song was about probability.

Now with you partner act out a role- play scenario around one of the following **expressions**. The last words you say have to be the expression.

- Once in a blue moon
- When pigs fly
- When hell freezes over
- Never in a month of Sundays
- On the twelfth of never

Activity Three - *Throw the dice.*

Do you gamble? what on? Do yiu play poker? What role does probability have in different forms of gambling?

Now, in a secret ballot, everyone will place a bet on which number will come up when the dice are thrown. What do you think the probability is that someone will get it right?

(When you throw a die (plural: dice), there are six possible different outcomes. It can show either 1, 2, 3, 4, 5 or 6.But how many possible ways are there of obtaining an even number? There are three possibilities: 2, 4 and 6.The probability of obtaining an even number is 3/6 (= 1/2 or 0.5 or 50%))

Activity four - *Let's play BINGO*

First bet on who will win!

Activity five - *IF ... WOULD*

Read the old English poem and, with your partner make your own poem about probability using the same structure.

If wishes were horses

Beggars would ride

If turnips were bayonets

I would wear one by my side.

Activity six - *The 12th of never.*

Listen to Elvis Prestley singing this song. **Which examples of improbable or impossible events are in the song?**

Activity seven - *What are the odds?.*

Some of the terms used for probability are chance, likelihood, odds, percentage, and proportion. But the basic definition of probability is the long-term chance that a certain outcome will occur from some random process. A probability is a number between zero and one — a proportion, in other words. You can write it as a percentage, because people like to talk about probability as a percentage chance, or you can put it in the form of odds. The term "odds," however, isn't exactly the same as probability. Odds refers to the ratio of the denominator of a probability to the numerator of a probability.

Now try to guess the odds...

Let's see who gets closest to the right answer.

The Odds of being killed by space debris

Odds of being killed by lightening

Odds of being killed in a car crash

Odds of being killed in a plane crash

The odds of becoming famous

The odds of marrying a millionaire

The odds of your child being a genius

The odds of becoming the next pope

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