



## Different outcomes, similar processes



Budgets, ego's, media, dysfunctional individuals and teams, non work issues, pressure, travel, long hours, data overload, non negotiable performance targets, lifestyle issues, coaching etc



## Overview



- This session will look at the link between the mind and the body and investigate ways in which individuals can create a realistic competitive advantage in their chosen field. The session uses examples from business, sport and the military and will cover brain and body physiology and a unique new approach to mental development which is interactive, innovative a great fun.



**“To be an effective leader you have to be mentally and physically robust”**

Sir John Harvey-Jones

## Roman Poet Juvenal



- It is to be prayed that the mind be sound in a sound body.
- Ask for a brave soul that lacks the fear of death,
- which places the length of life last among nature's blessings,
- which is able to bear whatever kind of sufferings,
- does not know anger, lusts for nothing and believes
- the hardships and savage labors of Hercules better than
- the satisfactions, feasts, and feather bed of an Eastern king.
- I will reveal what you are able to give yourself;
- For certain, the one footpath of a tranquil life lies through virtue.
- 
- *orandum est ut sit **mens sana in corpore sano.***
- *fortem posce animum mortis terrore carentem,*
- *qui spatium uitae extremum inter munera ponat*
- *naturae, qui ferre queat quoscumque labores,*
- *nesciat irasci, cupiat nihil et potiores*
- *Herculis aerumnas credat saeuosque labores*
- *et uenere et cenis et pluma Sardanapalli.*
- *monstro quod ipse tibi possis dare; semita certe*
- *tranquillae per uirtutem patet unica uitae.*
- (10.356-64)

## Group thinking



### THE BODIES

Physical Characteristics

### THE BRAINS

Mental Characteristics

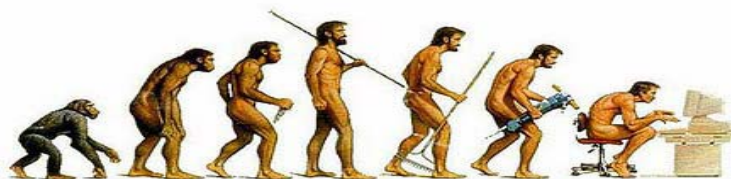


# WHO IS UNDER PRESSURE RIGHT NOW ?

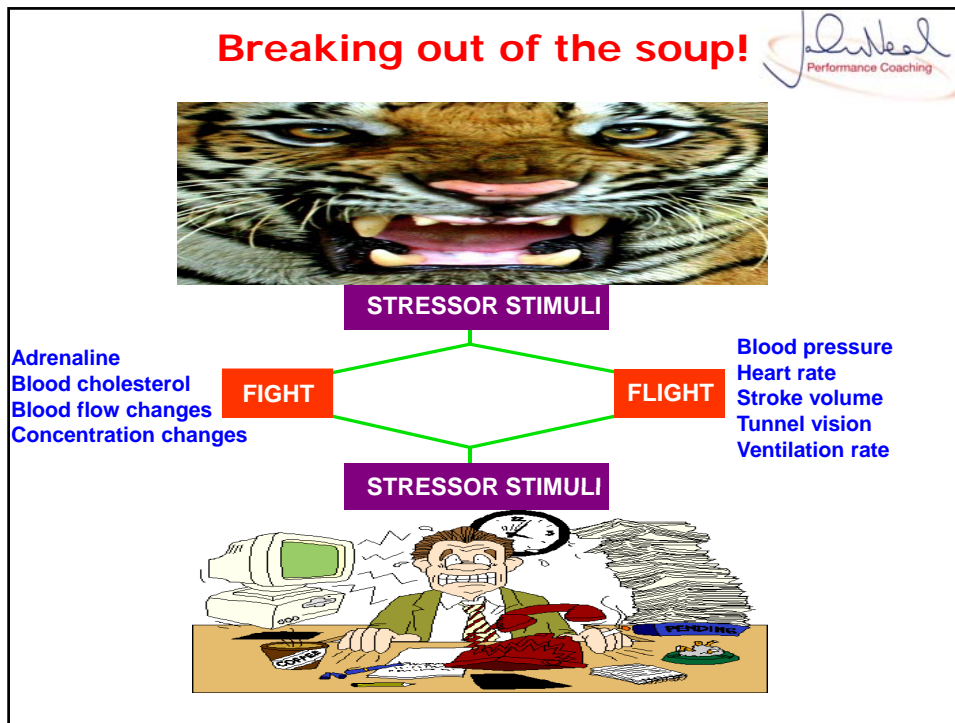
**Evolution has been too slow!**




We are all animals – highly evolved



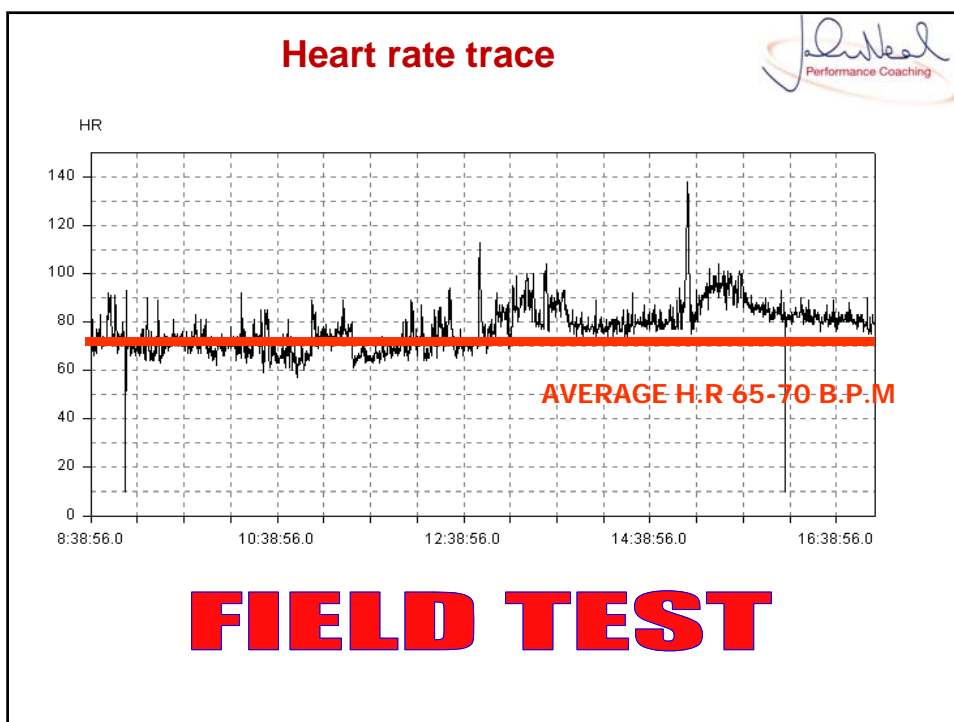
But animals all the same



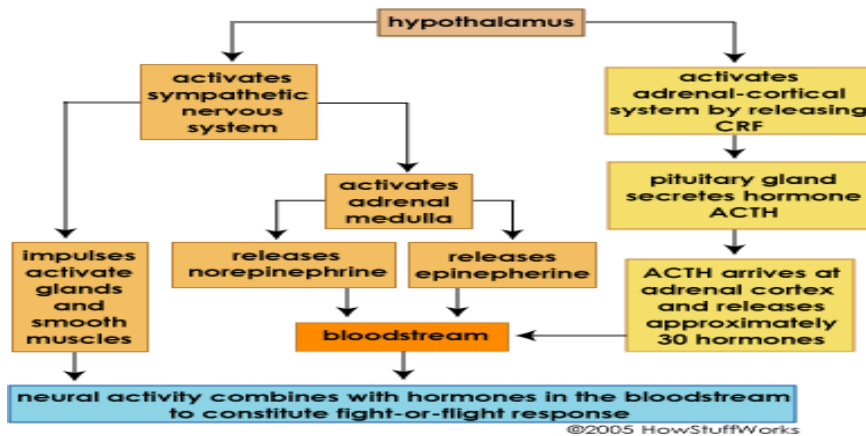
### Heart rate and cognition



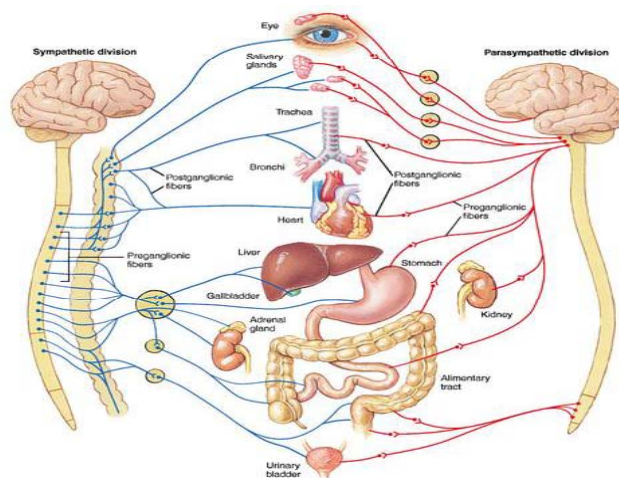
130 b.p.m	30% cognitive capability
175 b.p.m	3% cognitive capability

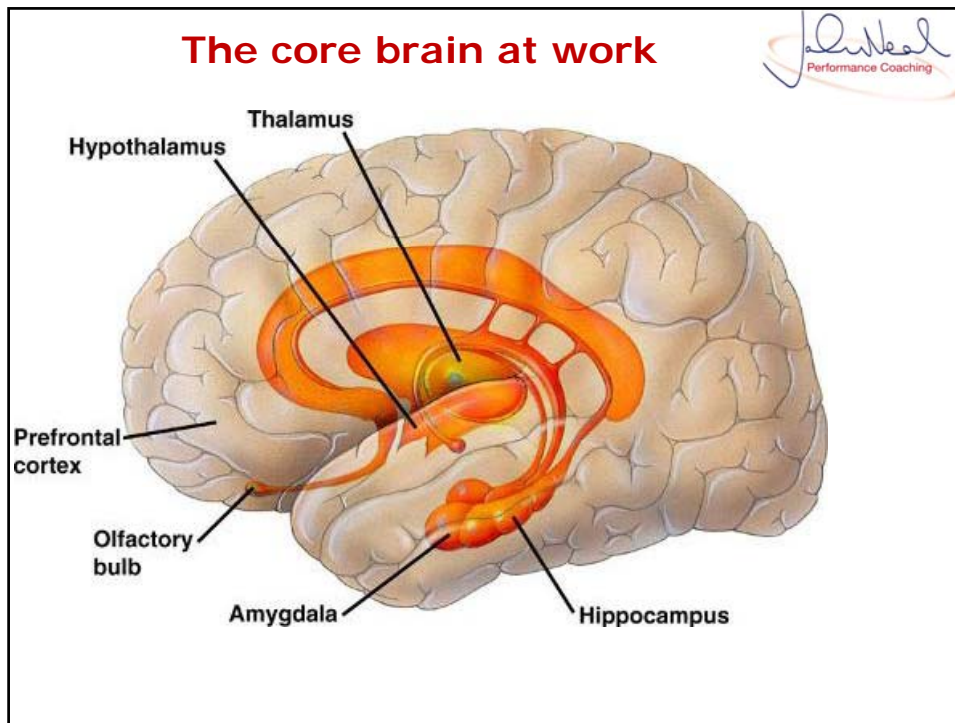


## The process in action



## Mind – body link





### What to do ?

A list of three coping strategies: Coping, Confronting, and M.A.D. The logo 'J. Quinlan Performance Coaching' is in the top right corner.

- Coping
- Confronting
- M.A.D



**EXERCISE  
SMARTER**



**SLEEP**

## **COPING**



RELAXATION  
SLEEP : SWS  
MASSAGE  
FRIENDSHIPS  
SECURITY  
LAUGHTER

HEALTHY EATING & H2O  
SEX  
COMMUNICATION  
SUPPORT  
REDUCE NOISE  
SUNSHINE & LIGHT

CRUTCHES - DRUGS, ALCOHOL, FOOD, CIGS, ETC



**What do you  
want to learn?**

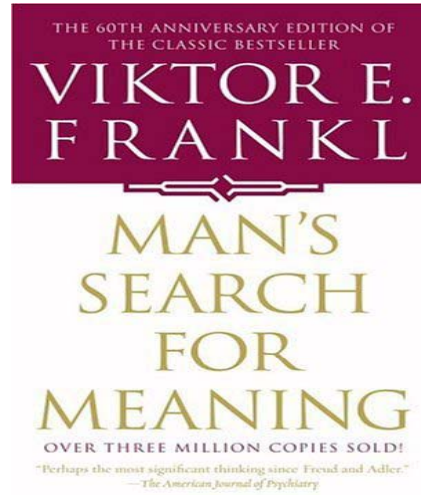


**How do you  
LEARN  
BEST?**

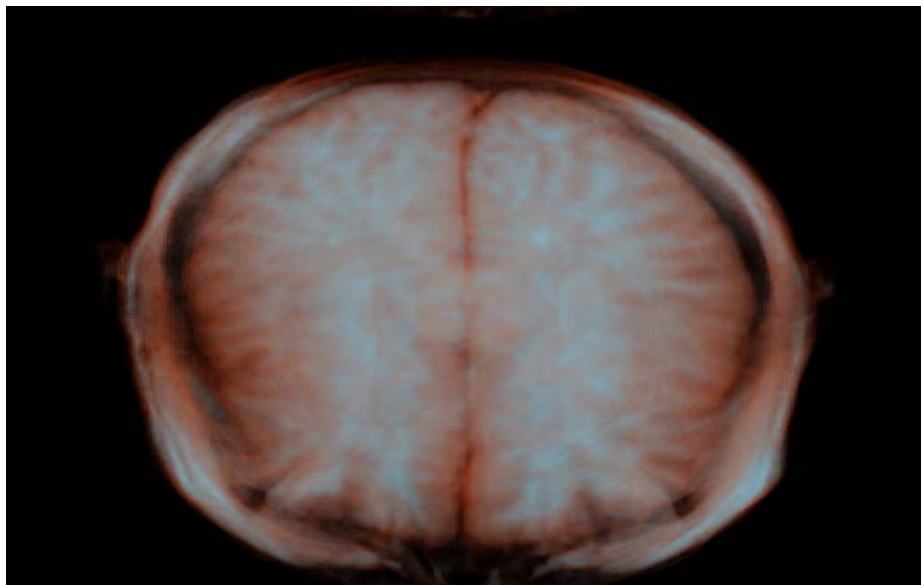


**MAD!**

## LOGOTHERAPY



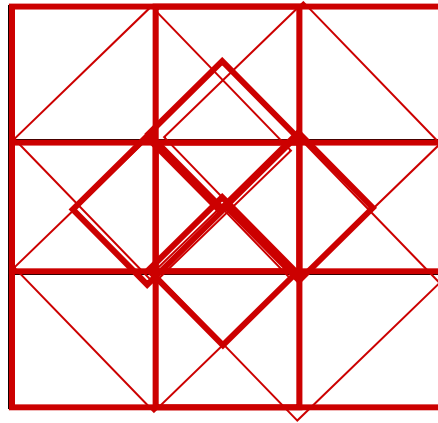
*Which side dominates under pressure?*



As fast as you can on this one.....

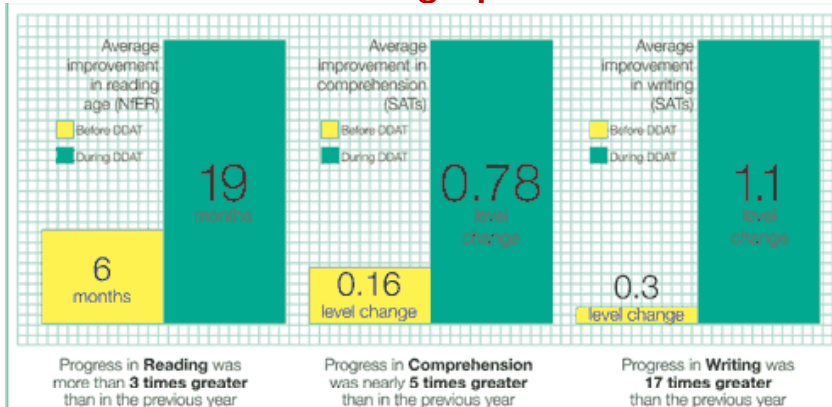


Ready.?



How many squares are there here ?

The results have been staggering and are shown below on the graphs.



300% improvement in reading

500% improvement in comprehension

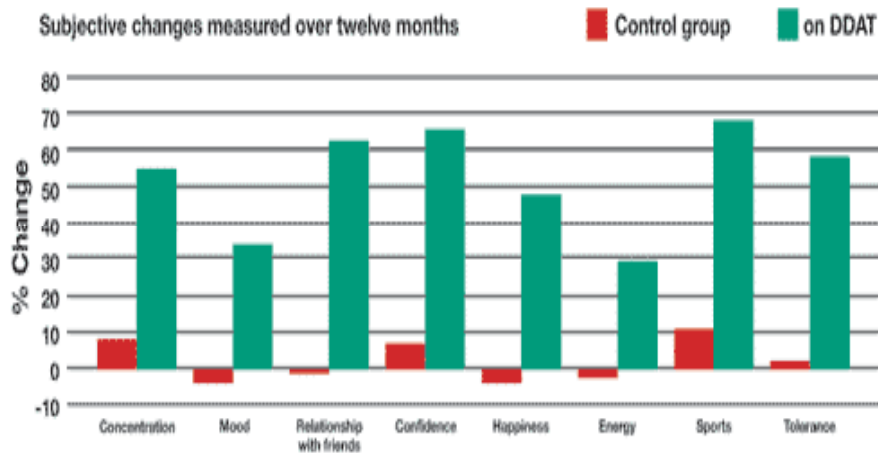
1700% improvement in writing

## Self-esteem



### Self-esteem and other things improve too!

Many report huge improvements in self-esteem, sporting ability and concentration whilst on the programme.  
So, we measured how the research patients felt after 12 months of DDAT exercises.



## Which side of your brain is dominant?



## **Mentally Athletic Training**



- These tests will assess your:
- Left right brain co-ordination
- Memory
- Decision making
- Spatial awareness
- Creativity
- Eye tracking

## **L – R Co-ordination**



- Rotate your left foot anti clockwise
- Now draw a figure 6 in the air with your right hand

## L – R Co-ordination

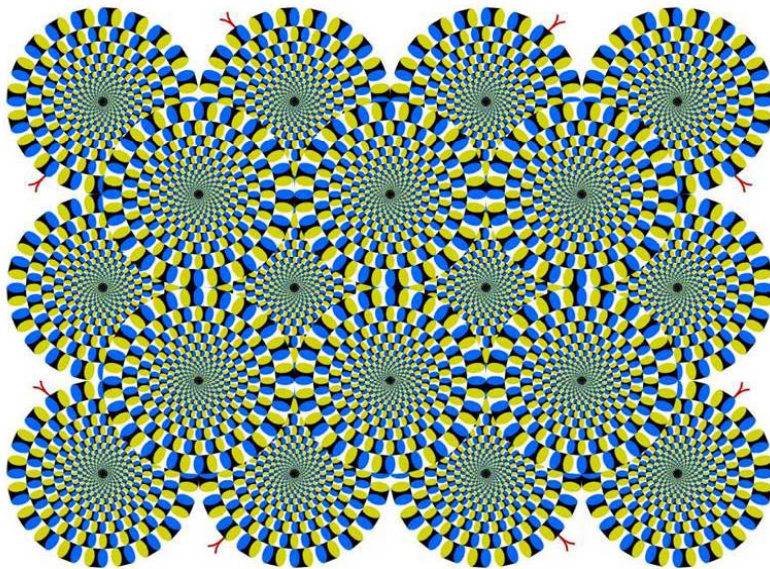


# How on Earth?

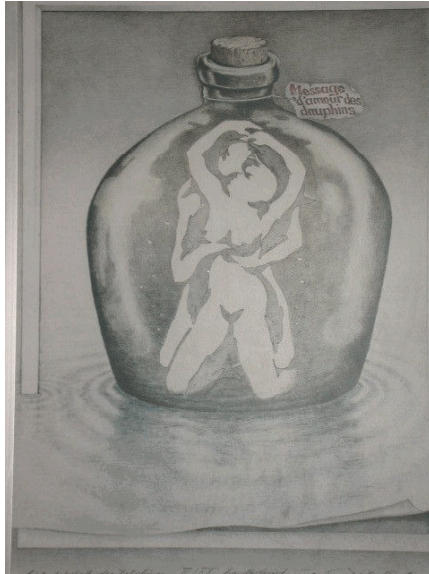




I cdnuolt blveiee taht I cluod aulacly  
 uesdnatnrd waht I was rdanieg  
 The phaonmneal pweor of the hmuan mnid!  
 Aoccdrnig to a rscheearch at Cmabrigde  
 Uinervtisy, it deosn't mtttaer inwaht oredr the  
 ltteers in a wrod are, the olny iprmoatnt tihng  
 is taht the frist and lsat ltteer be in the rghit  
 pclae. The rset can be a taotl mses and you  
 can sitll raed it wouthit a porbelm. Tihs is  
 bcuseae the huamn mnid deos not raed ervey  
 lteter by istlef, but the wrod as a wlohe.  
 Amzanig huh? Yaeh, and I awlyas thought  
 slpeling was ipmorantt.

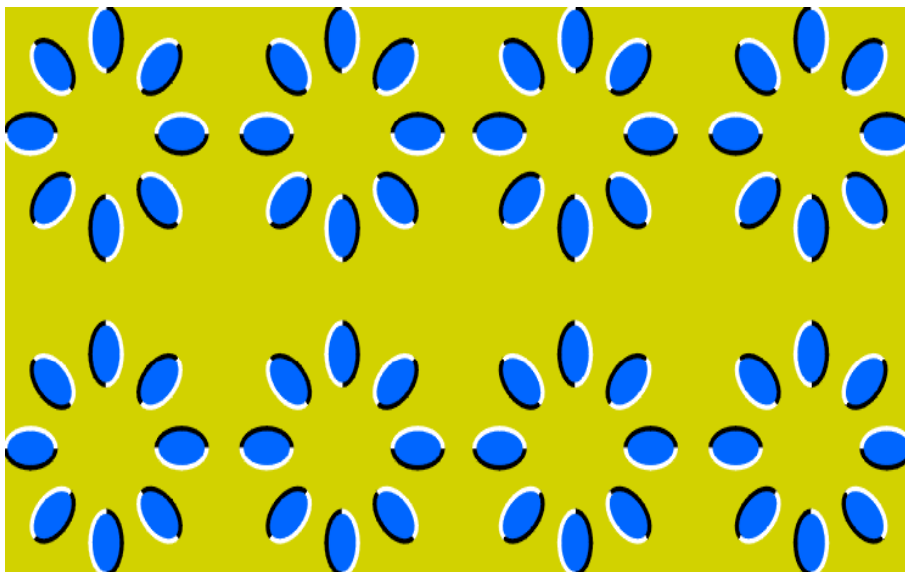


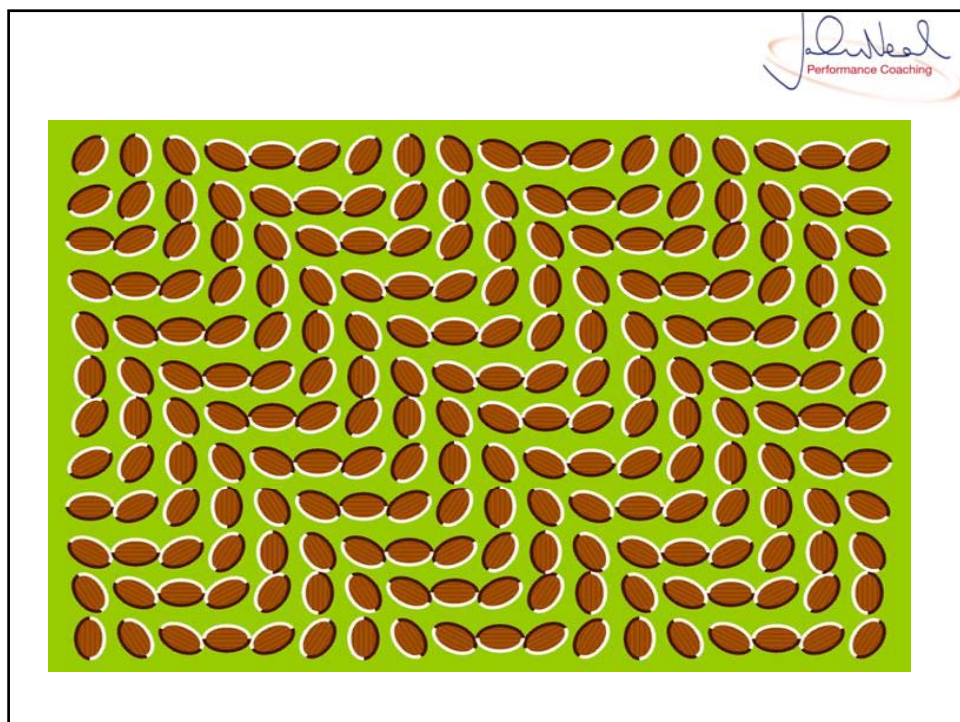
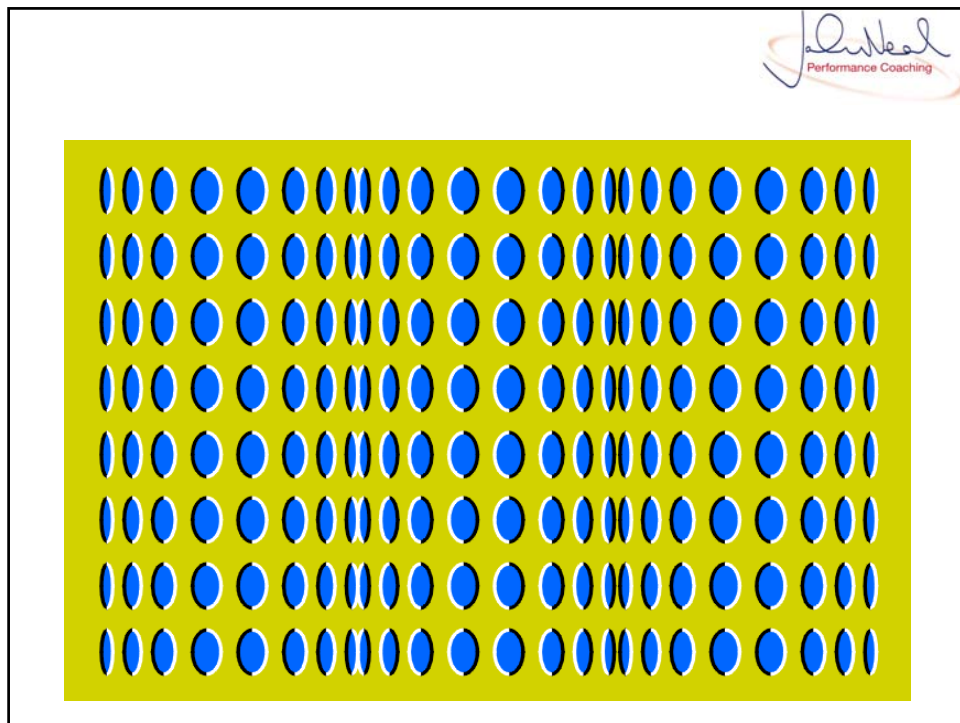
Take a look at the picture? What do you see?

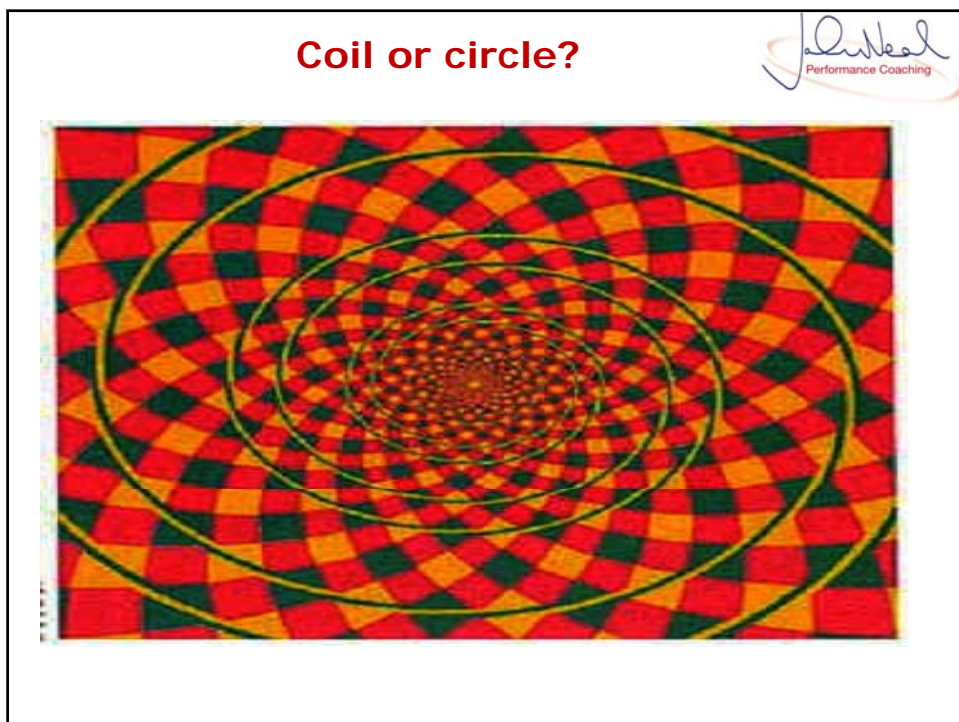
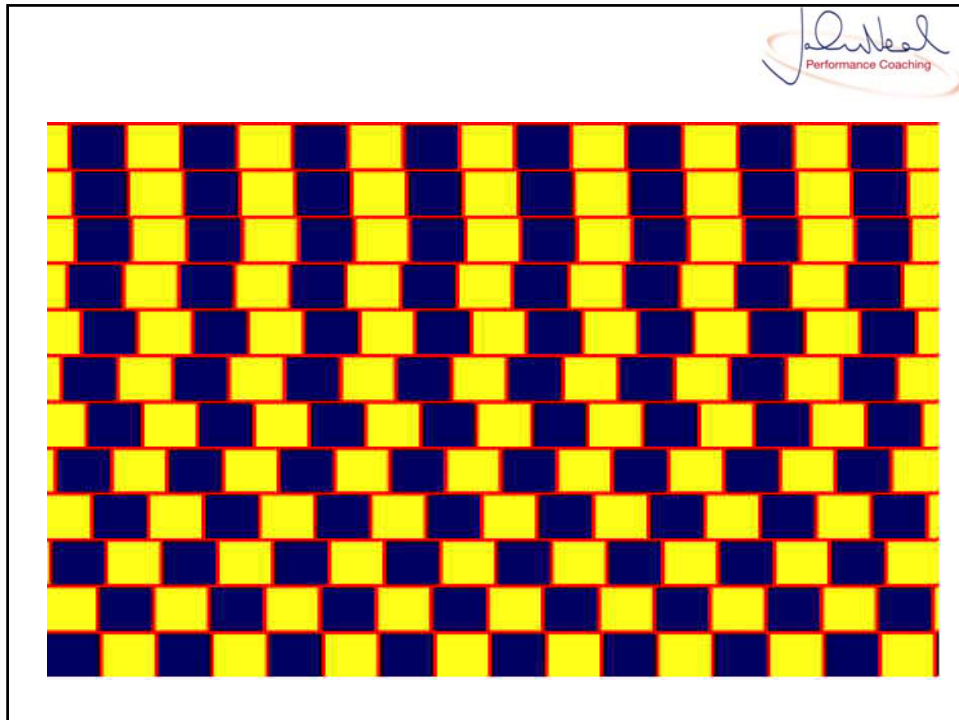


Research has shown that young children cannot identify the intimate couple because they do not have prior memory associated with such a scenario.

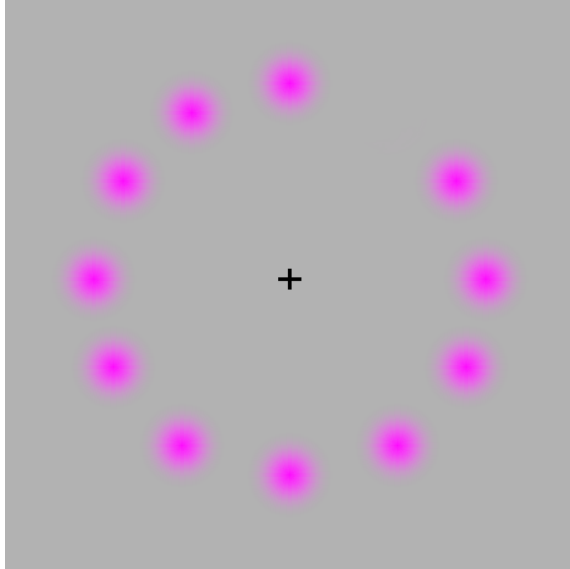
Children see nine dolphins.







**Concentrate on the cross in the middle,  
after a while you will notice that this moving  
purple dot will turn green!**



Look at the  
cross a bit  
longer and you'll  
notice that all  
dots except the  
green one will  
disappear.

**Decision making - Spatial awareness**




How many 4's ?

4 2 6 4

1 2 4

Answer = 3



Read out the colours not the words

BLUEREDGREEN

BLUEREDGREEN

BLACKORANGE



**Read out the words**



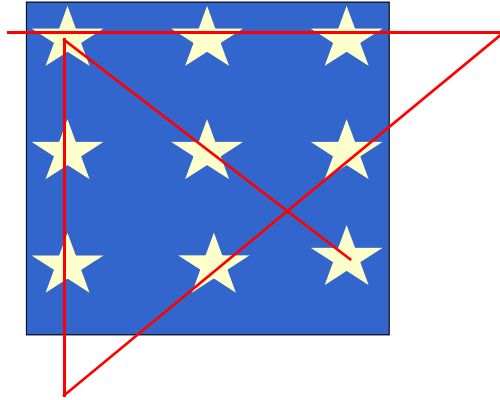
**BLUEORANGE**  
**BLUEREDGREEN**  
**REDBLACKGREEN**

**Logical thinking under pressure**



- Can anybody count down from 0 – 100 ?
- Must be done out loud
- Group can try to distract them mentally
- The group CAN'T touch them in any way
- The group CAN'T throw anything

## Problem solving exercise



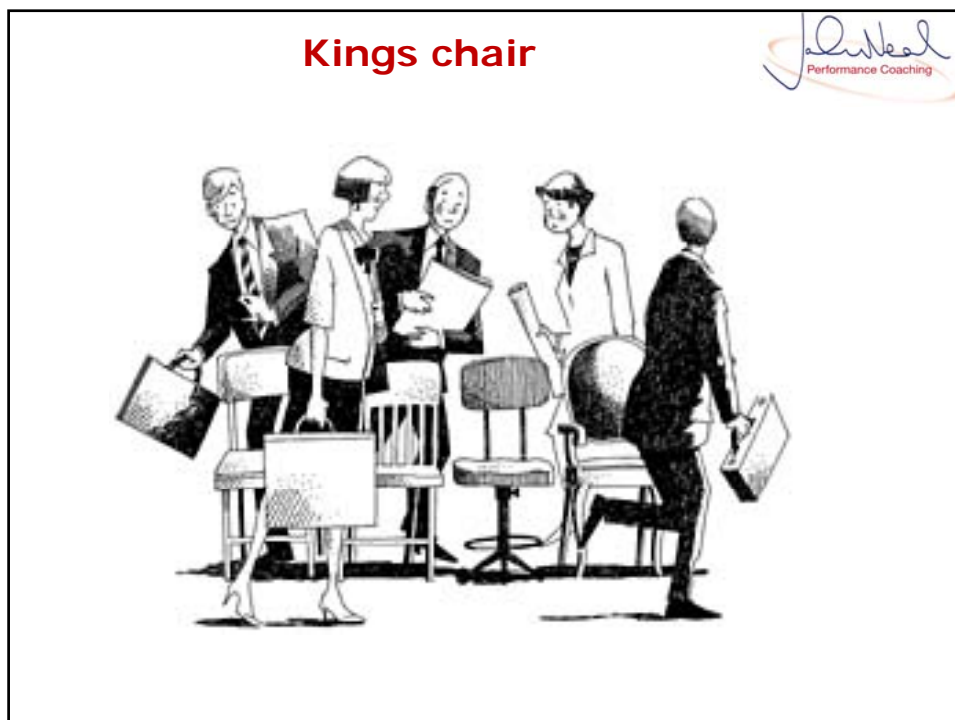
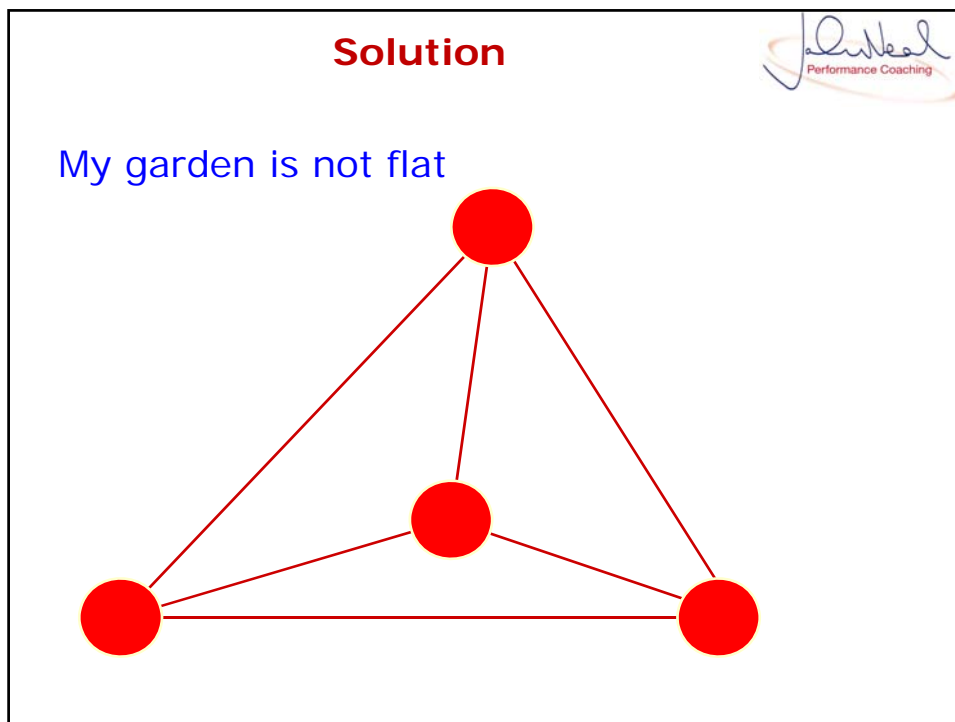
Using four straight lines join up all the stars  
without your pen leaving the paper



There are four trees to be planted in my garden.

They must all be the same distance apart  
How will you plant them?





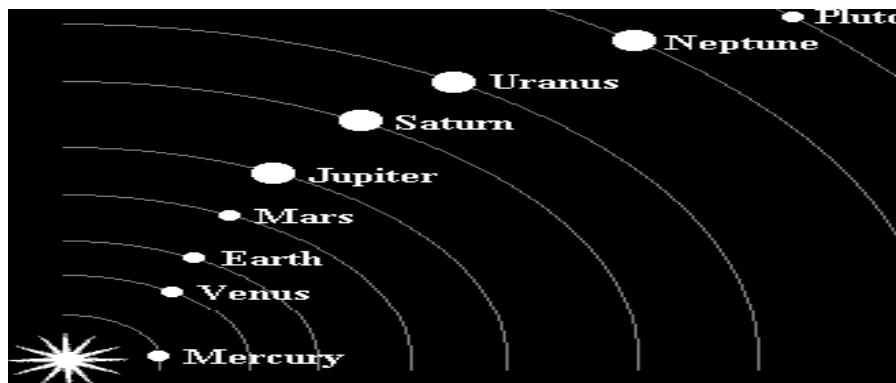
## Memory and creativity



## Creativity and Memory



What is the planetary sequence in our solar system



Average result is **ONE** correct



### Eye tracking



- Read the poem on the left whilst looking at and
- tracking the associated images on the right.

## Man in the mirror

When you get all you want and  
you struggle for self,  
and the world makes you king for a day,  
then go to the mirror and look at yourself  
and see what that man has to say.  
For it isn't your mother,  
your father or wife  
whose judgment upon you must pass,  
but the man, whose verdict  
counts most in your life  
is the one staring back from the glass.  
He's the fellow to please,  
never mind all the rest.  
For he's with you right to the end,  
and you've passed your most difficult test  
if the man in the glass is your friend.  
You may be like Jack Horner and  
"chisel" a plum,  
And think you're a wonderful guy,  
But the man in the glass  
says you're only a bum  
If you can't look him straight in the eye.  
You can fool the whole world,  
down the highway of years,  
and take pats on the back as you pass.  
But your final reward will be  
heartache and tears

if you've cheated the man in the glass.



## Sensory awareness





