Thinking and learning Skills - Y8 - a model PET brain

Portfolio	Resources	Memory Hook	Key Words	
Ref.	• OHT		Visual, Auditory, Kinaesthetic,	
•	<ul> <li>paper, felt tips</li> </ul>		Primitive, Emotional, Thinking	

Learning outcomes:	describe what each part of my brain does		
I will be able to	work with other students to make a "working model" of the brain		
(IWILBAT)			
Setting up the room	Music		
Homework			
(you can take the register as they write this down)			
1.Starter (5 min)	Brain Gymmental warm-upoptional		
2.Main part	A model PET brain - group activity		
(20 - 25 min)			
Plenary (5 min)	"What have we learned in this lesson?optional		
Homework			
Tidy up	Music - energetic		
And next lesson	n/a		

### VAK learning styles- Guidance on the Lesson

This is a "Filler" activity that can be used at the end of the course. So these are simple notes, rather than a complete lesson plan. You can **select** from the activities below, as you wish.

I have put this exercise into the Y7 Thinking skills course as well.

#### 1. Starter

What does the brain look like inside?... you can show OHT1.

What is each part doing?.... show OHT2.

#### 2. Main Part

Ask students - if they could "see" into someone's brain, what would they "see" each part doing? This is a group activity to explore ideas, and practise our learning.

You will need to divide the class into groups. An effective group size is about 8-13, I think. So, for a whole class of 25-28, there are two workable options.... (a) 2 groups of 13, and (b) 3 groups of about 8. I've suggested the distribution for option (a) on the worksheet. Option (b) is about the smallest group size, and you probably don't want more than 3 versions of the presentation at the end.

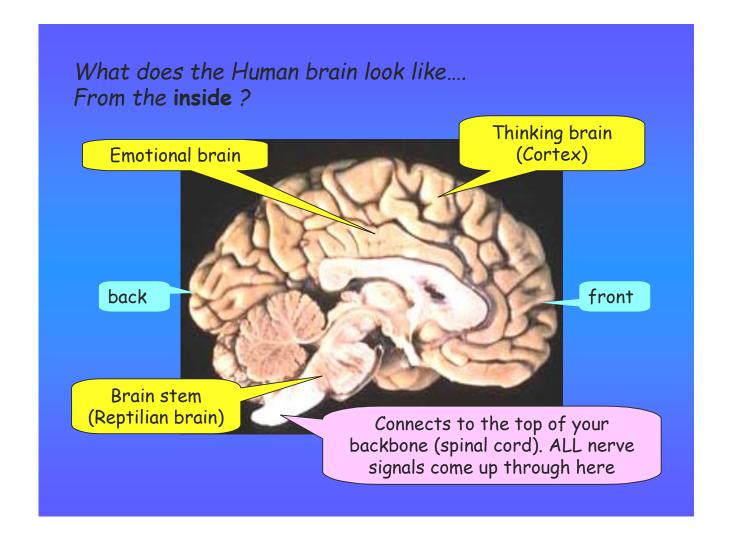
Take students through the OHT.... explain the tasks.....I've given suggestions to help get started. Emphasise that students should try to use as many VAK styles as they can. You will need to issue plain A4 paper and felt tips. Groups may need help in allocating tasks to individuals - some to do a picture, some to say something, some to mime.

You could get students to comment constructively on the presentations.

3. Plenary - "What have we learned from this lesson?....maybe.

OHT1 - model PET brain

What does the brain look like inside? What is each part doing?



OHT2 - model PET brain

Imagine "seeing" into someone's Brain....what are all the parts doing?

## Left Side of Cortex the small details words and numbers

- plans things logically
- plans mings i
- makes lists
- remembers names

# Right side of Cortex

- the "Big Picture"
- spaces, shapes and colours
- imagination new ideas
- doodles and pictures
- remembers faces
- music and rhythm

## Corpus Callosum

- about 200 million neurons
- connects Left and Right sides

### **Emotional Brain**

- holds long term memories
- deals with our feelings and emotions
- deals with fun and humour

### Primitive Brain

- keeps heart beating, lungs breathing
- looks after our survival -"Fight or Run away?"

# Each group's task....

present a "working model" of the brain, with students taking on parts as suggested in the table --->

Use all the **VAK** styles to show what each part of the brain is doing....

V - hold up something on paper...words, diagrams, jokes...

A - say or sing something....a joke, a song, how you feel...

K - do something....a movement, a mime, an action, pass messages....

L a	<b>L</b> 2-3		<b>R</b> 2-3	
	СС	1-2		
	ЕВ	2 - 3		
	РВ	2		

total 9 - 13