
Foundations of Thinking

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The Science of Learning Group

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A Bit of Background



A Bit of Background



Translation

Prescriptive



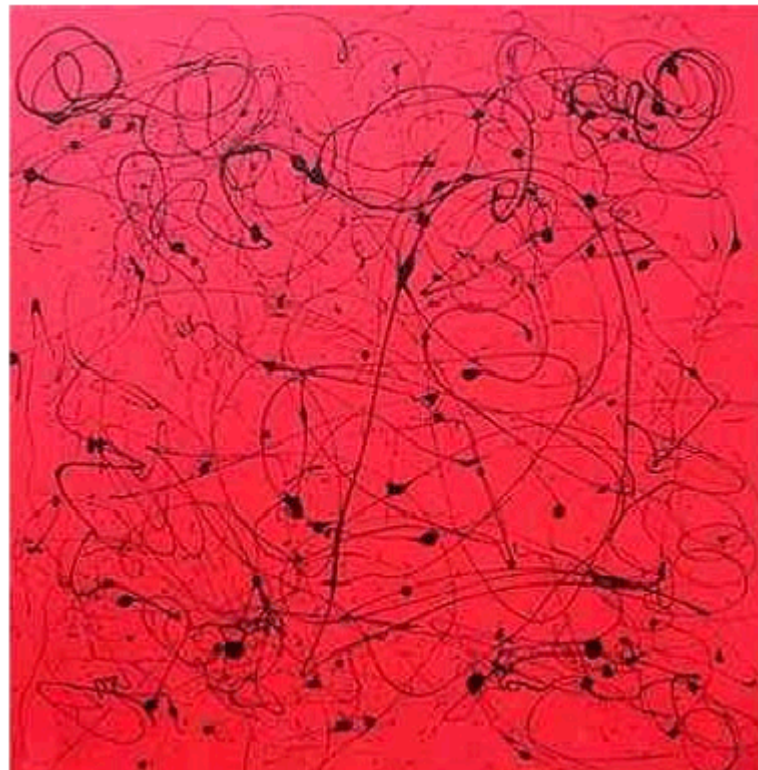
But Wait...



Marla Olmstead



Marla Olmstead



Marla Olmstead



Marla Olmstead



Marla Olmstead



Marla Olmstead



Filmed / Unfilmed



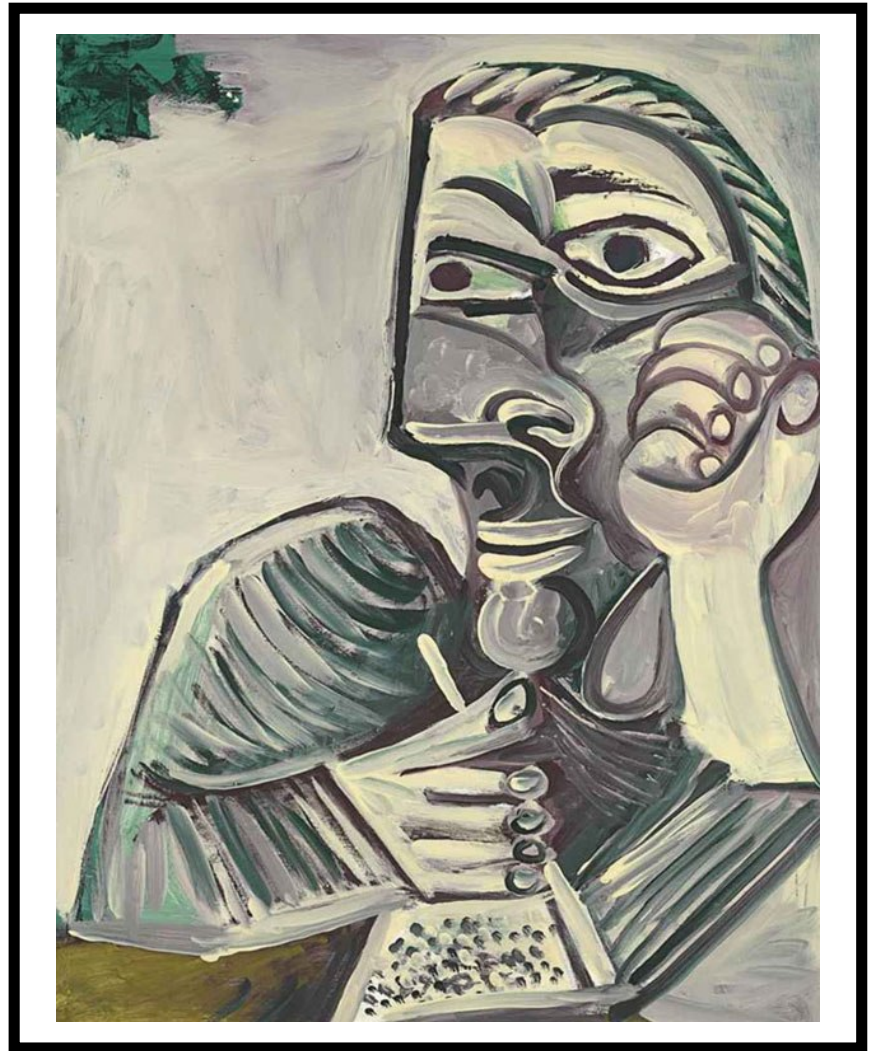
Filmed / Unfilmed



Filmed / Unfilmed

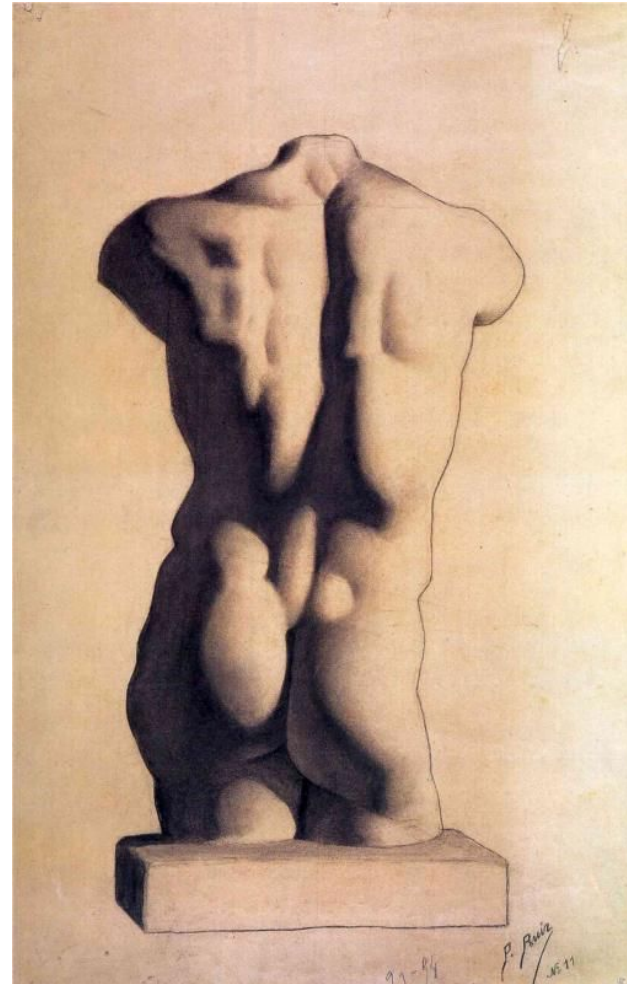


Picasso



Picasso

Age 12



Picasso

Age 15



Picasso

Expressionism

Age 22



Picasso

Cubism

Age 25



Picasso
Synthetic Cubism
Age 33



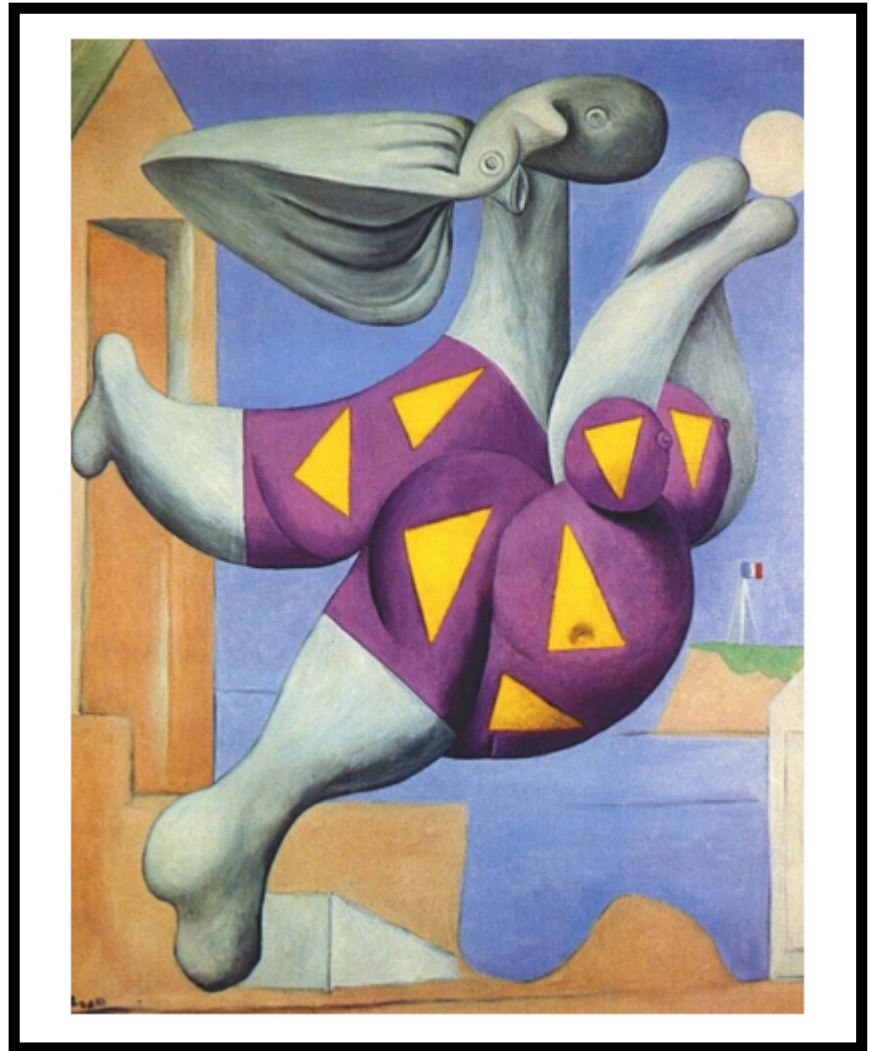
Picasso

Neo-Classicism

Age 42



Picasso
Surrealism
Age 64



Picasso

Picasso

Age 87



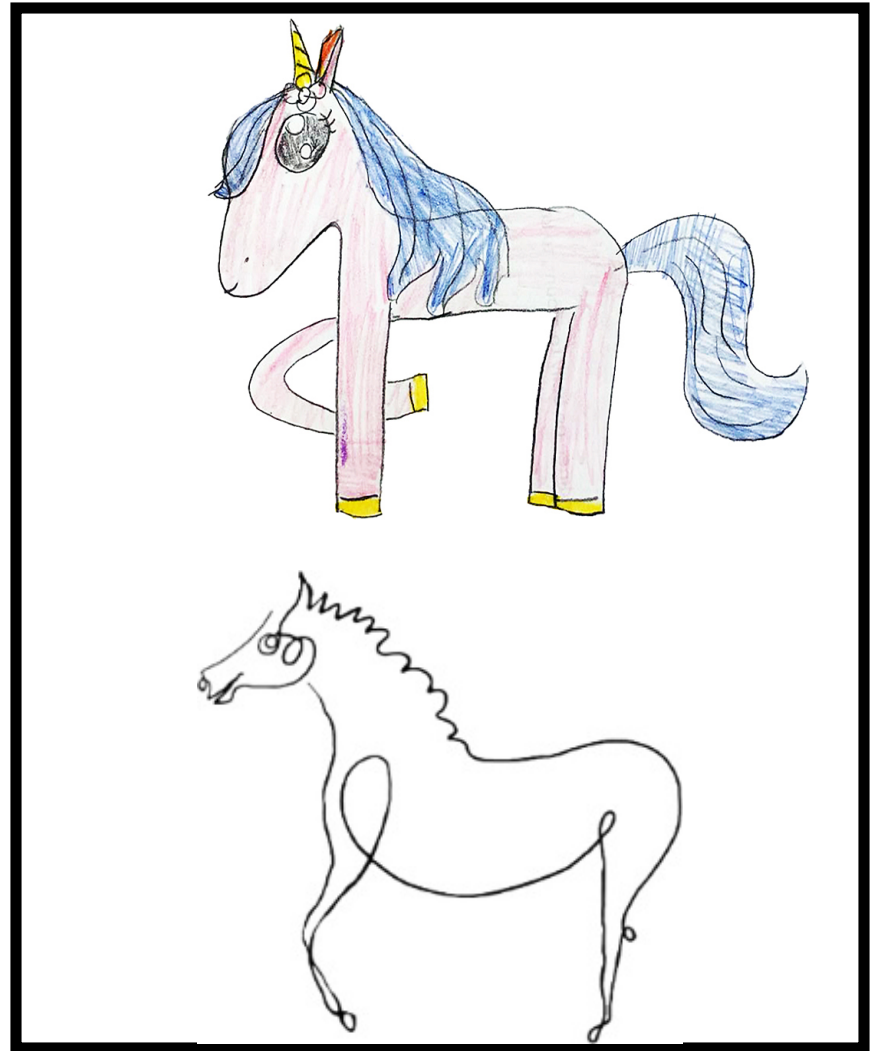
Picasso

*"It took me four years to
paint like Raphael, but a
lifetime to paint like a
child."*



The Point

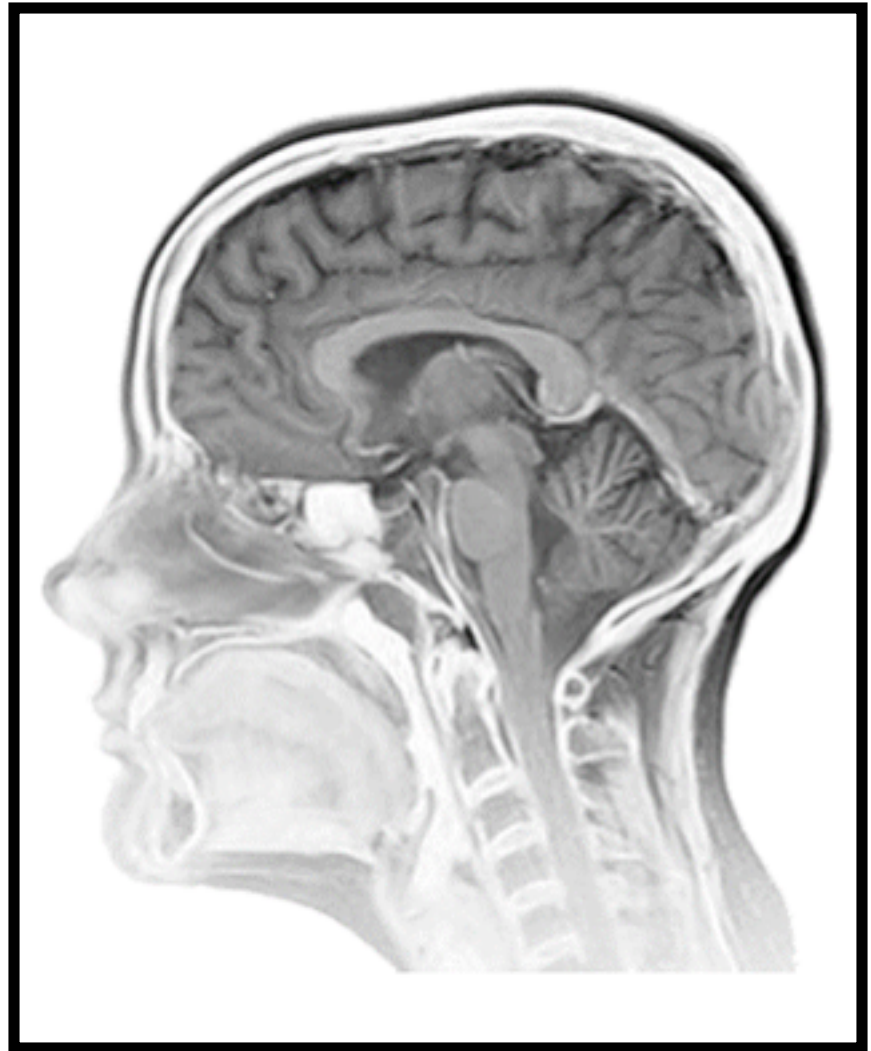
*Knowing the WHY allows
you to MEANINGFULLY
personalize, modify,
adapt, and create
techniques.*



The Rub...

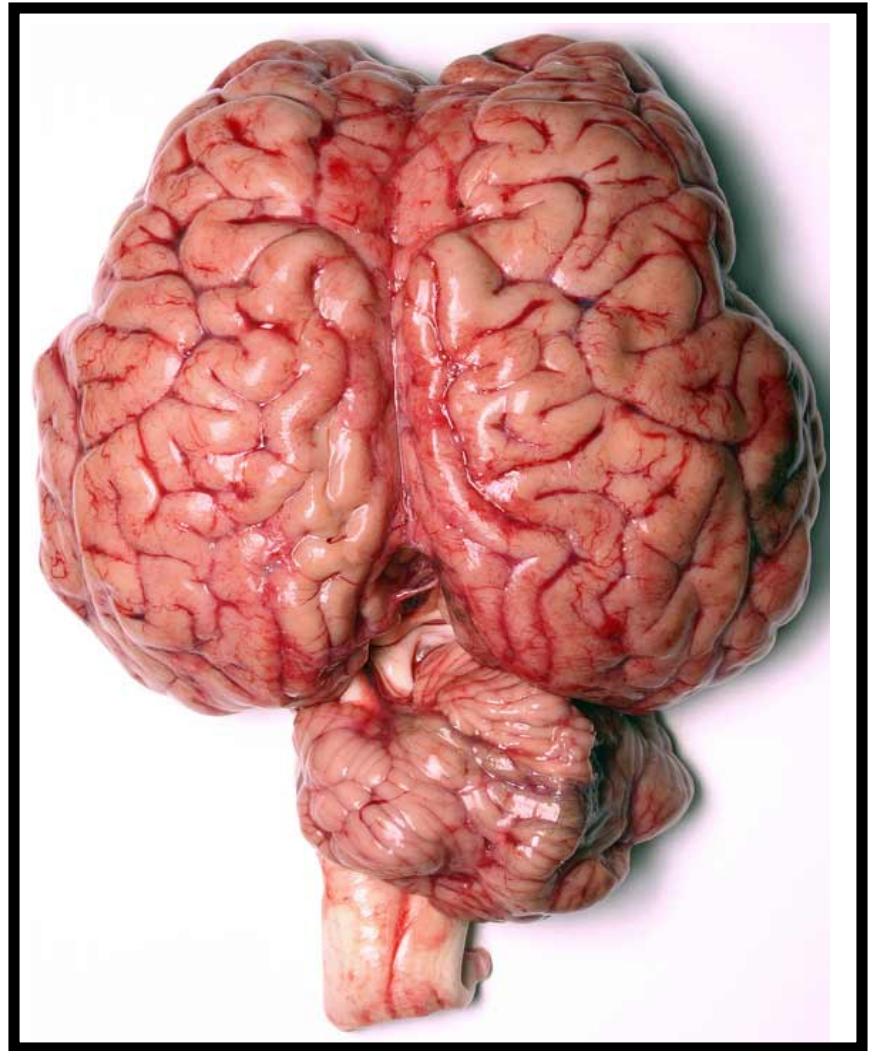


Let's Learn the Rules



The Brain

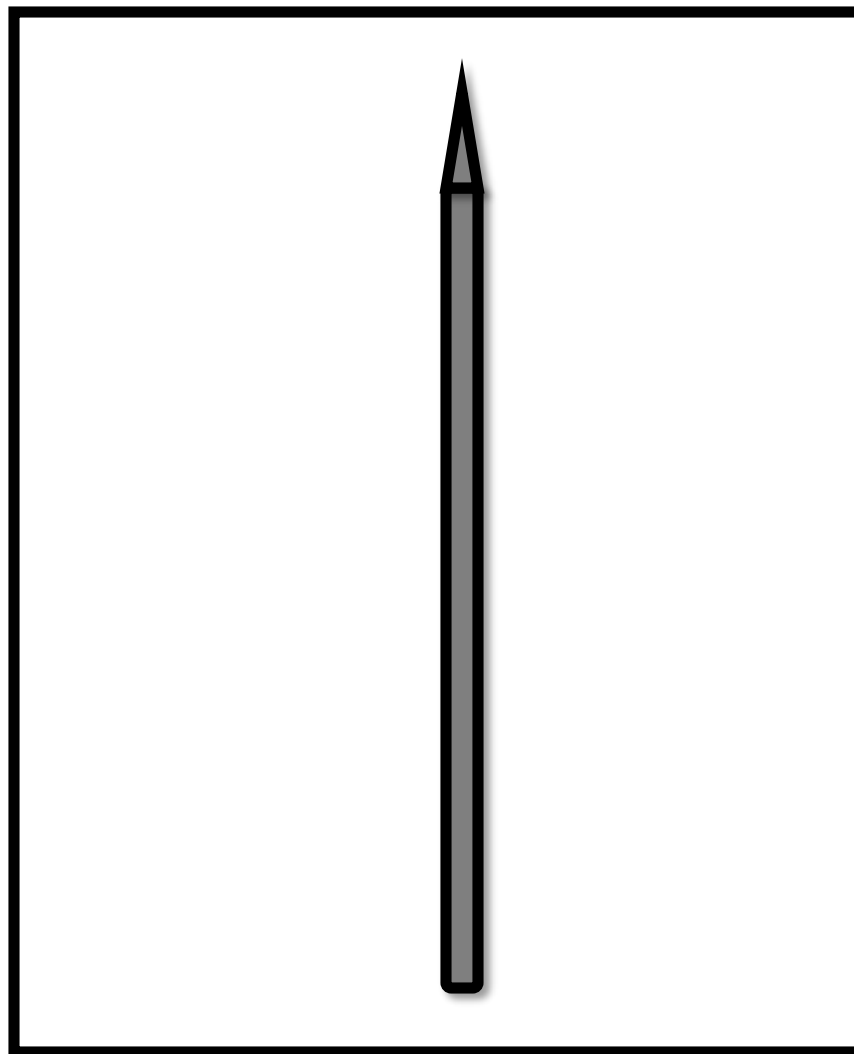
Phase 1



Phineas Gage



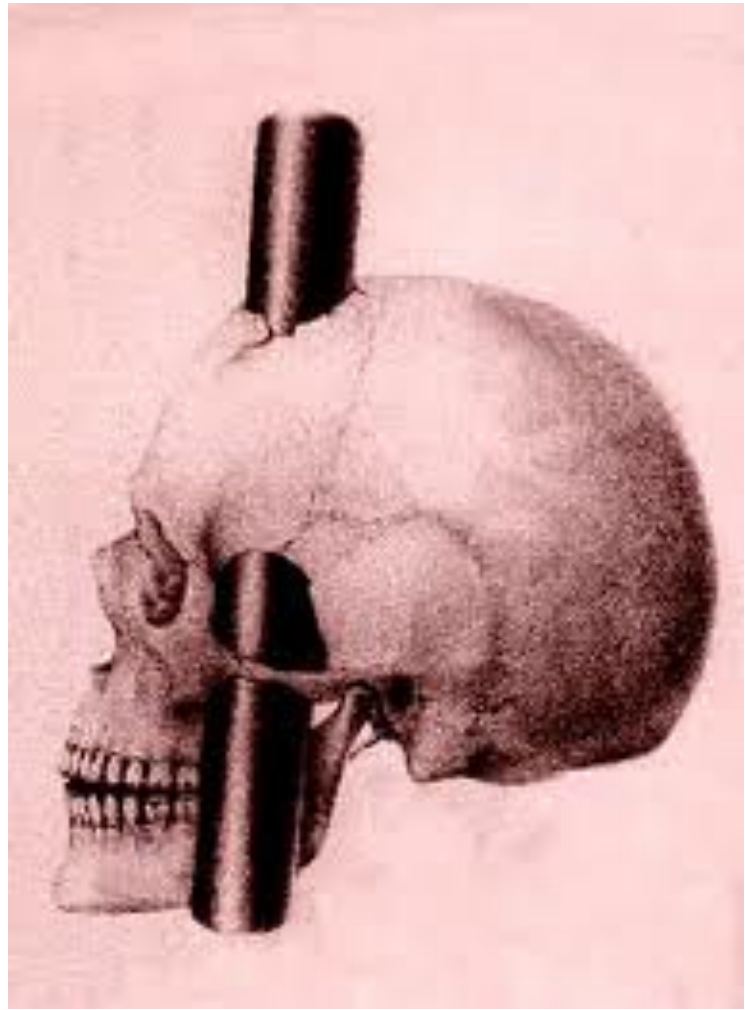
Tamping Iron



Phineas Gage



Phineas Gage

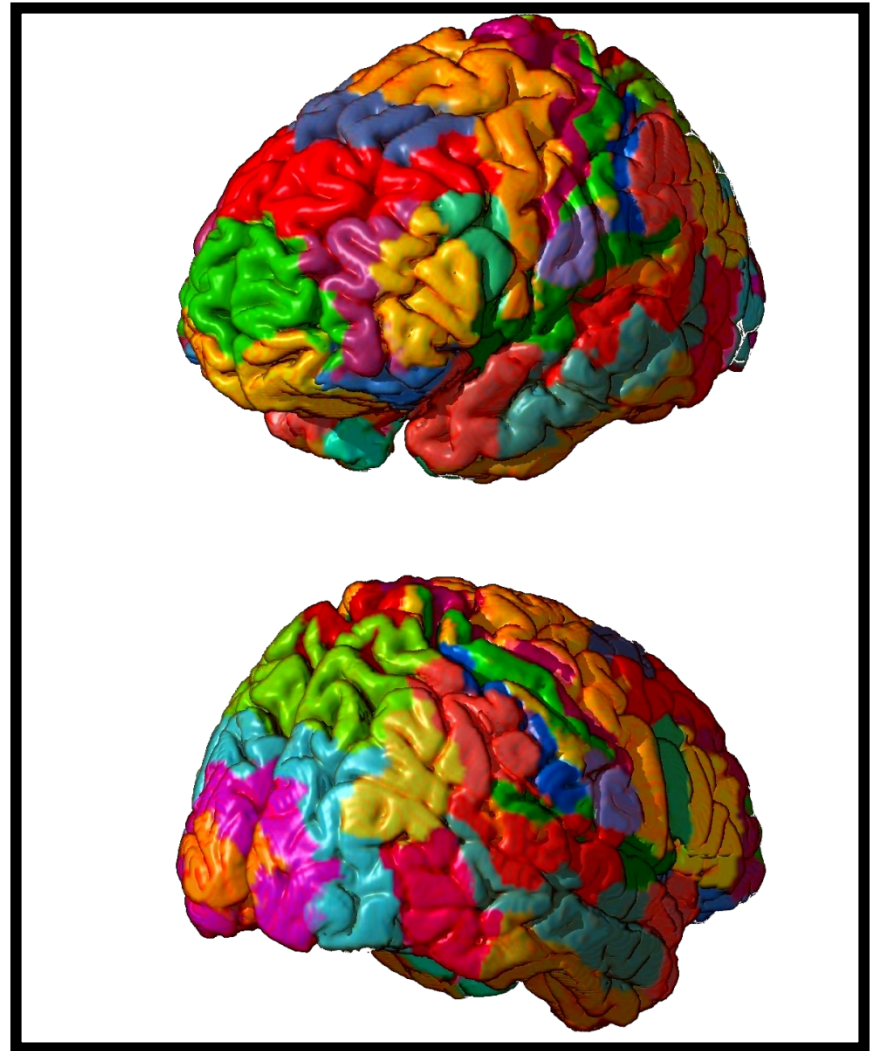


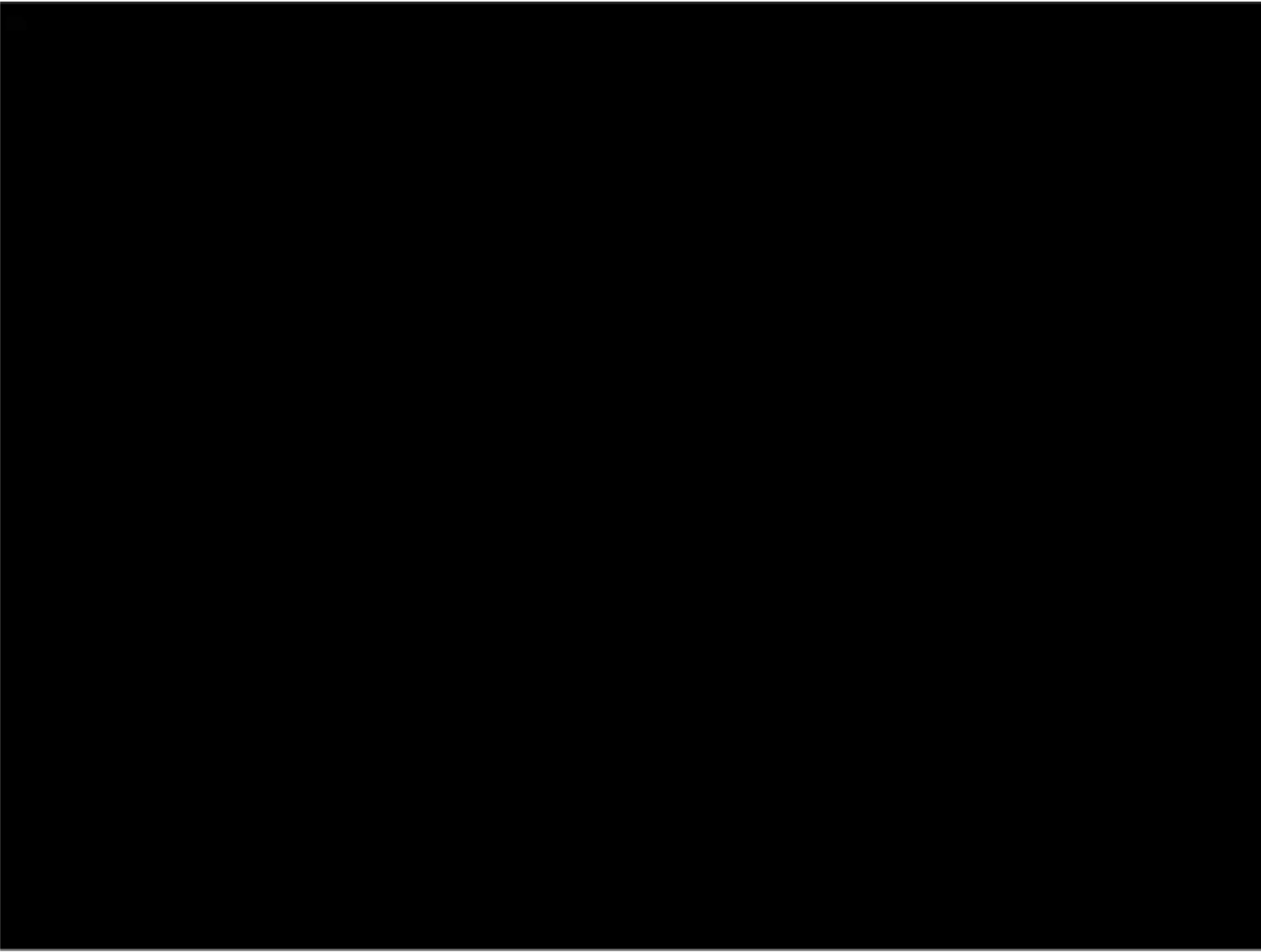
Phineas Gage

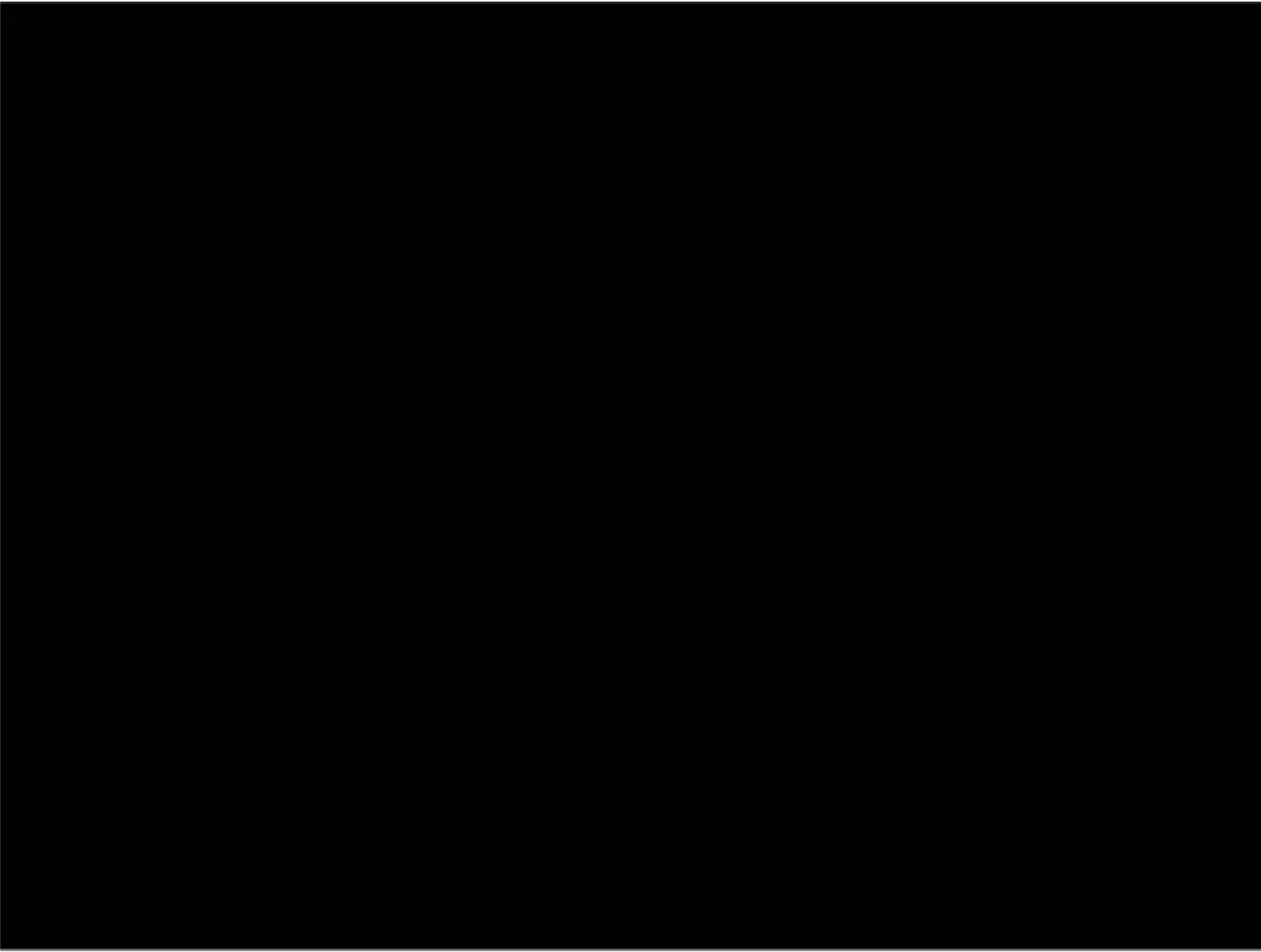


The Brain

Phase 2

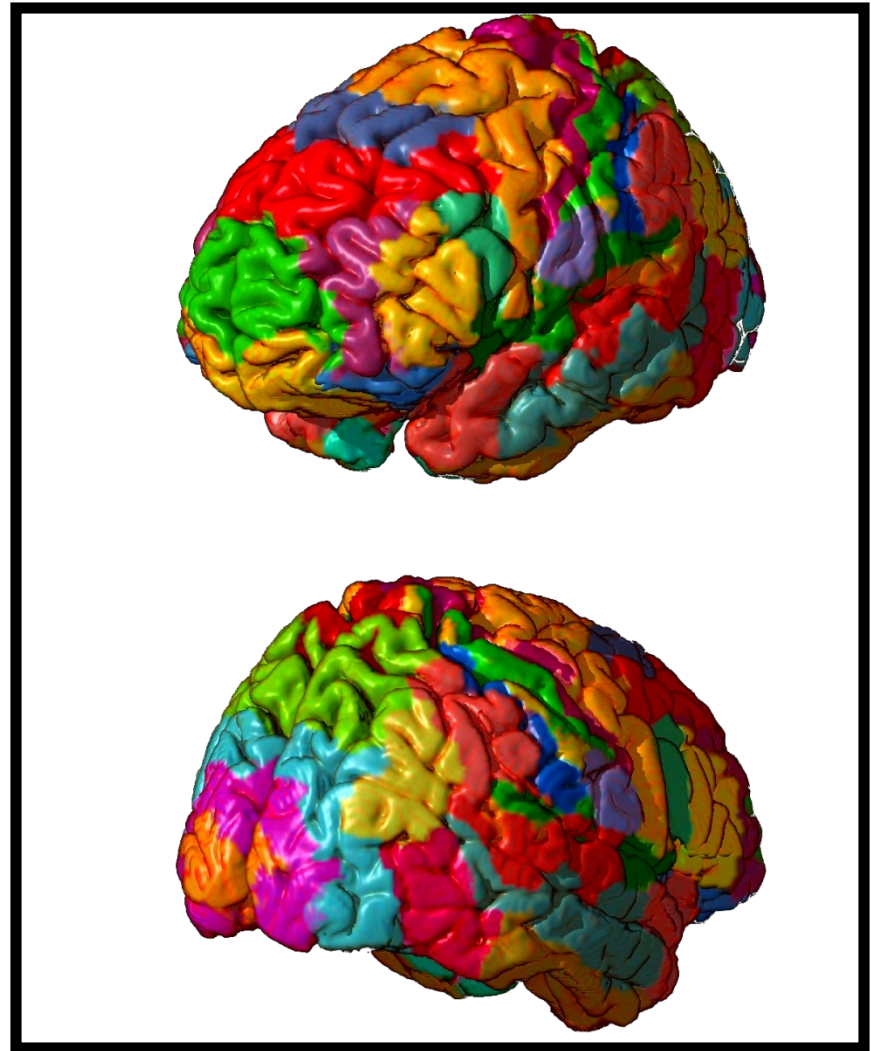






The Brain

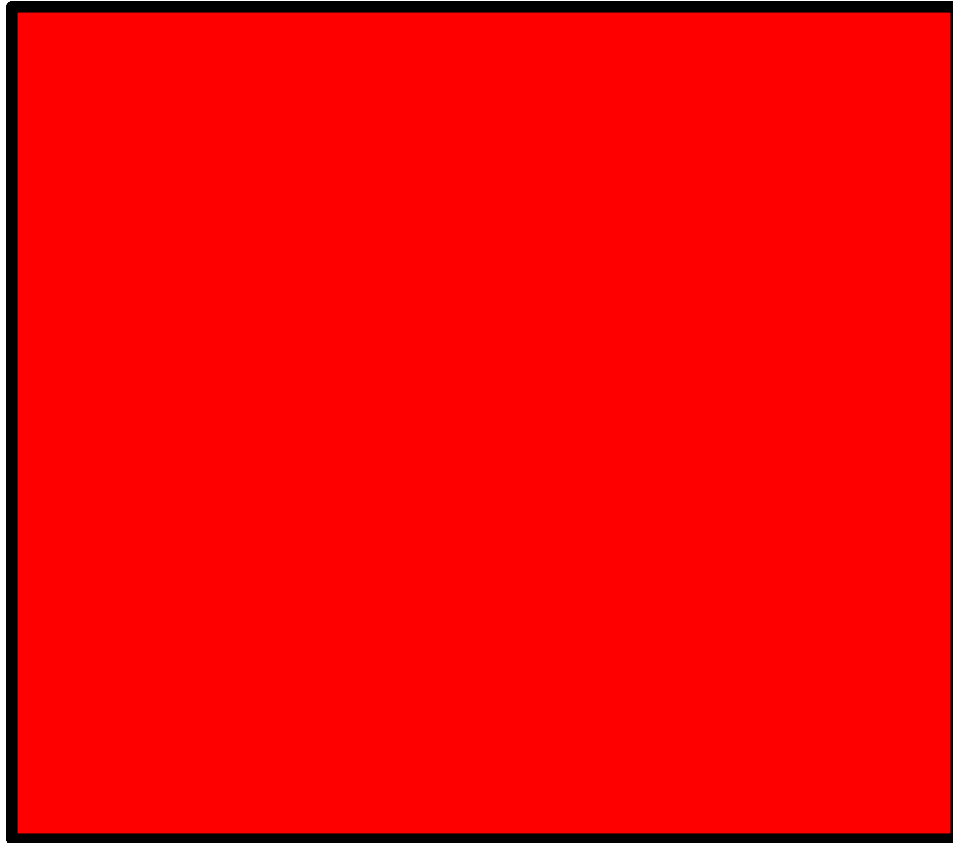
Phase 3



Know Your Colors?



Know Your Colors?



GOOD!



Know Your Words?



Know Your Words?



RED

Know Your Words?



GREEN

Know Your Words?



RED

Know Your Words?



PURPLE

Know Your Words?



BLUE

Know Your Words?



GREEN

Know Your Words?



RED

Know Your Words?



BLUE

Know Your Words?



PURPLE

GOOD!



Know Your Color Words?



Know Your Color Words?



RED

Know Your Color Words?



GREEN

Know Your Color Words?



RED

Know Your Color Words?



PURPLE

Know Your Color Words?



BLUE

Know Your Color Words?



GREEN

Know Your Color Words?



RED

Know Your Color Words?



BLUE

Know Your Color Words?



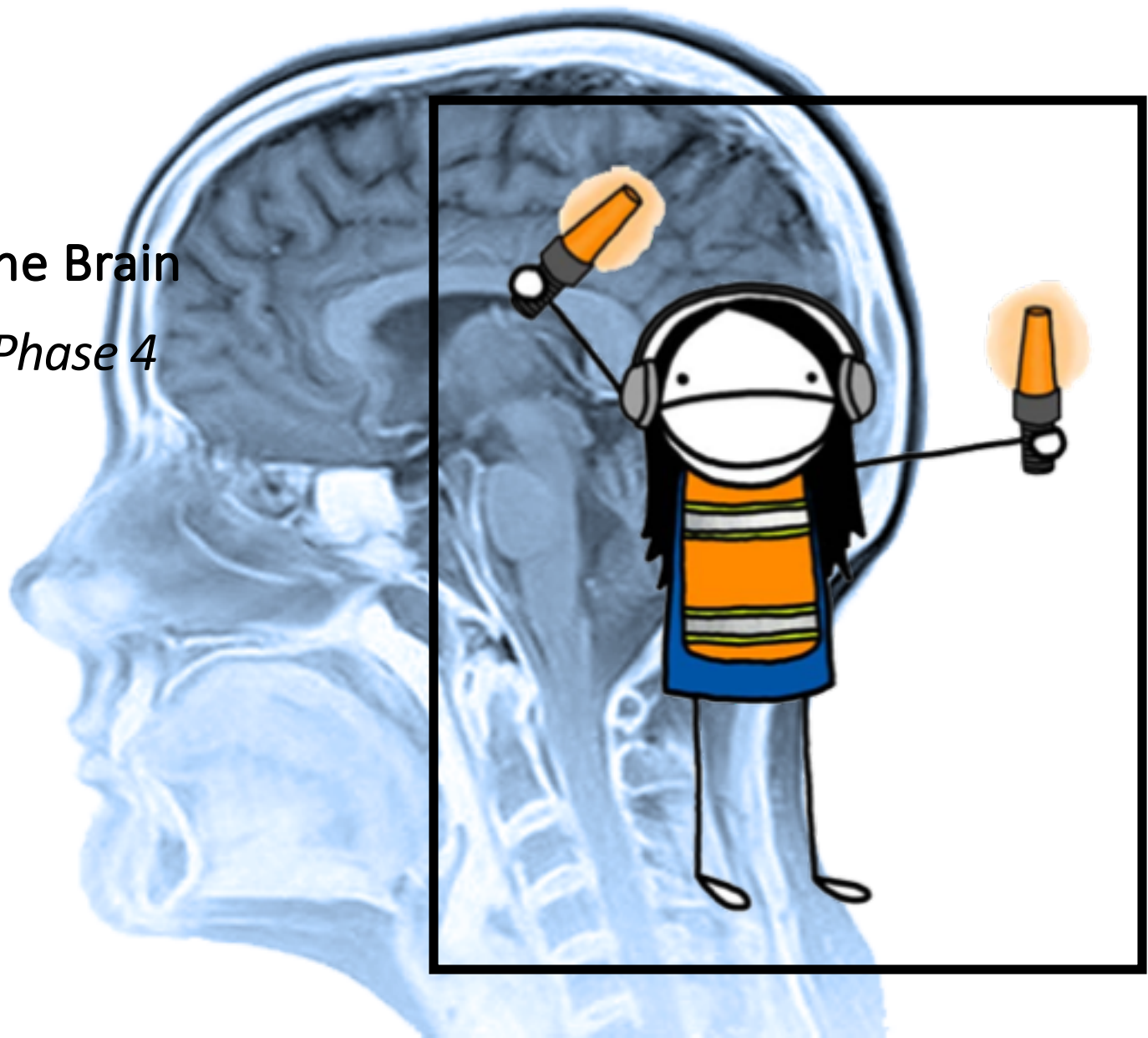
PURPLE

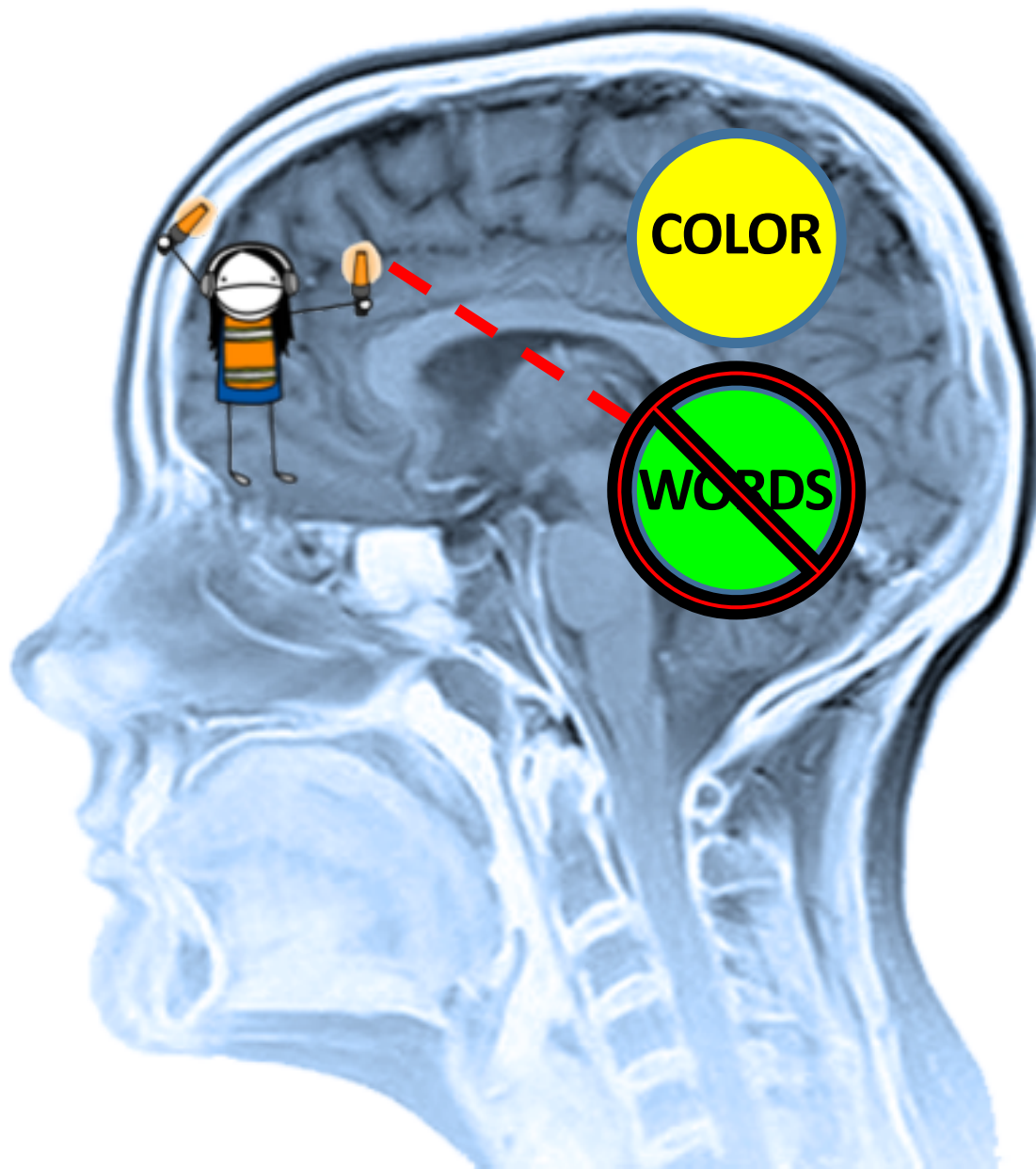
D'Oh...

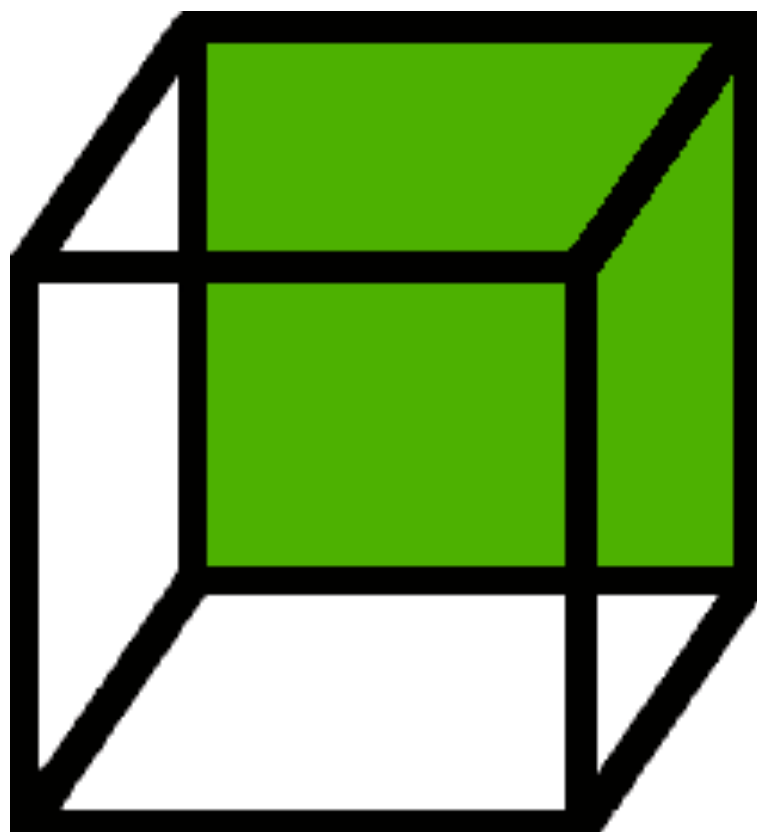


The Brain

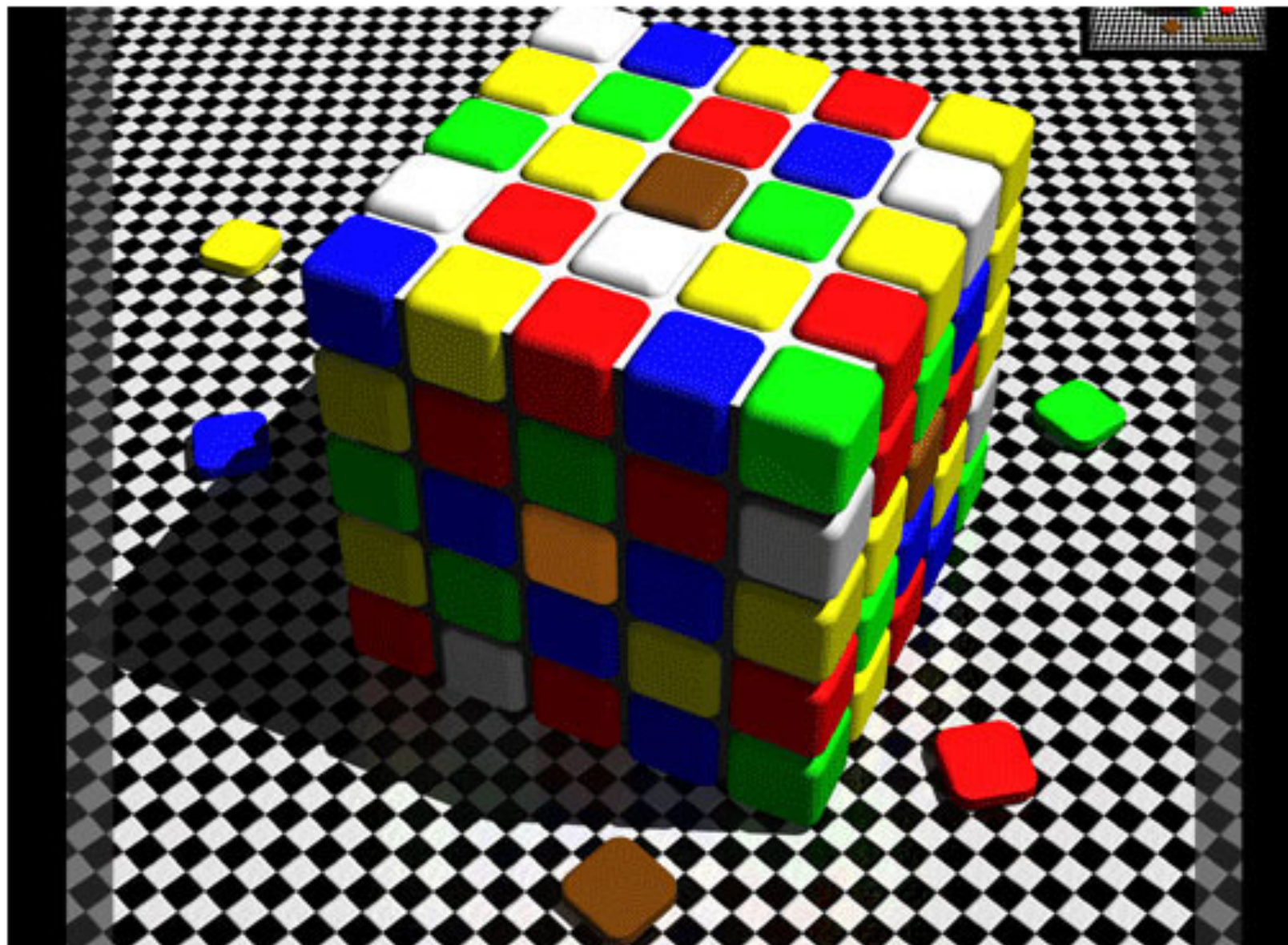
Phase 4





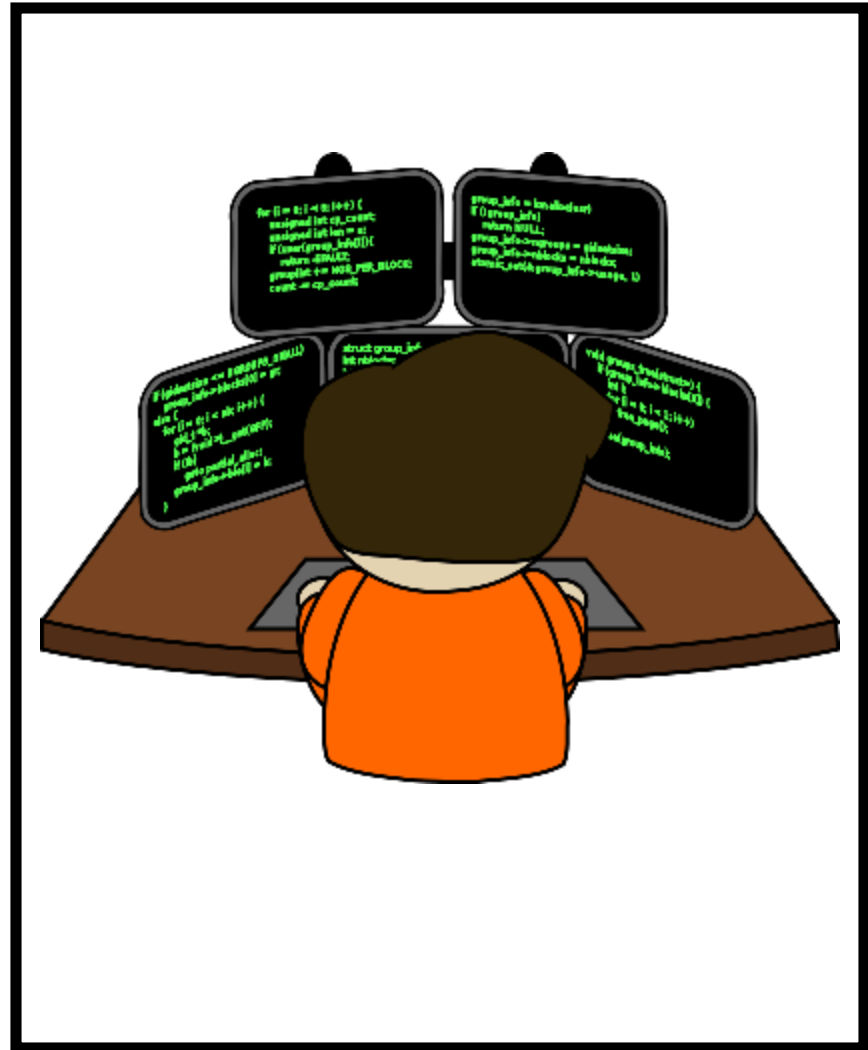


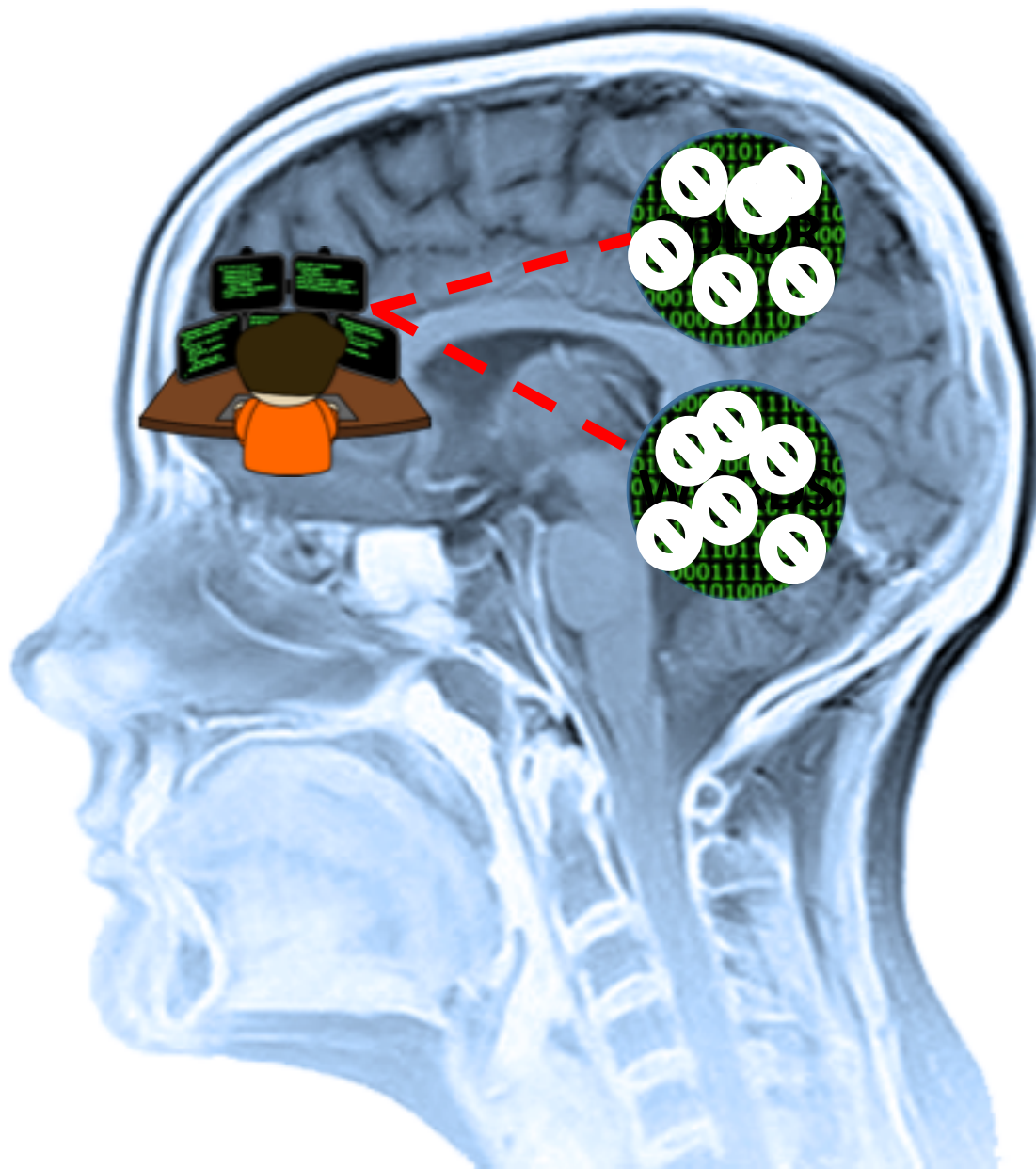




The Brain

Phase 5







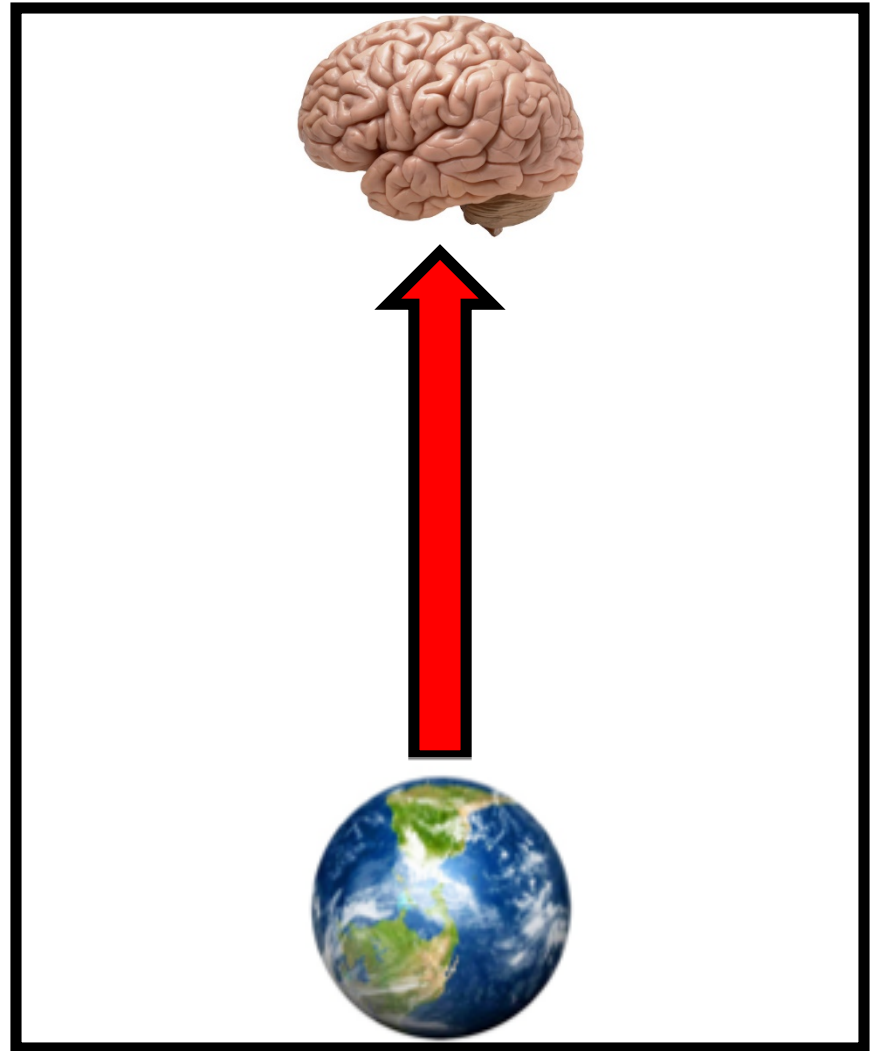
The Brain

Phase 1

Phase 2

Phase 3

Phase 4



The Brain

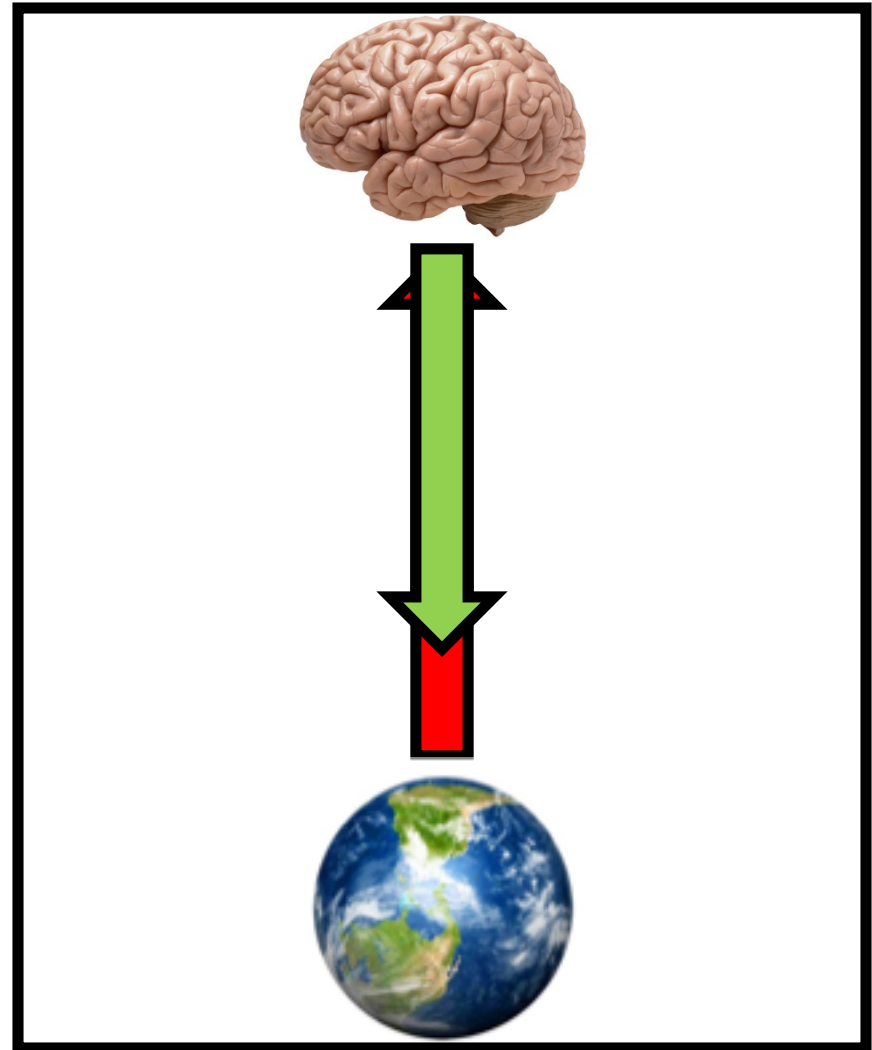
Phase 1

Phase 2

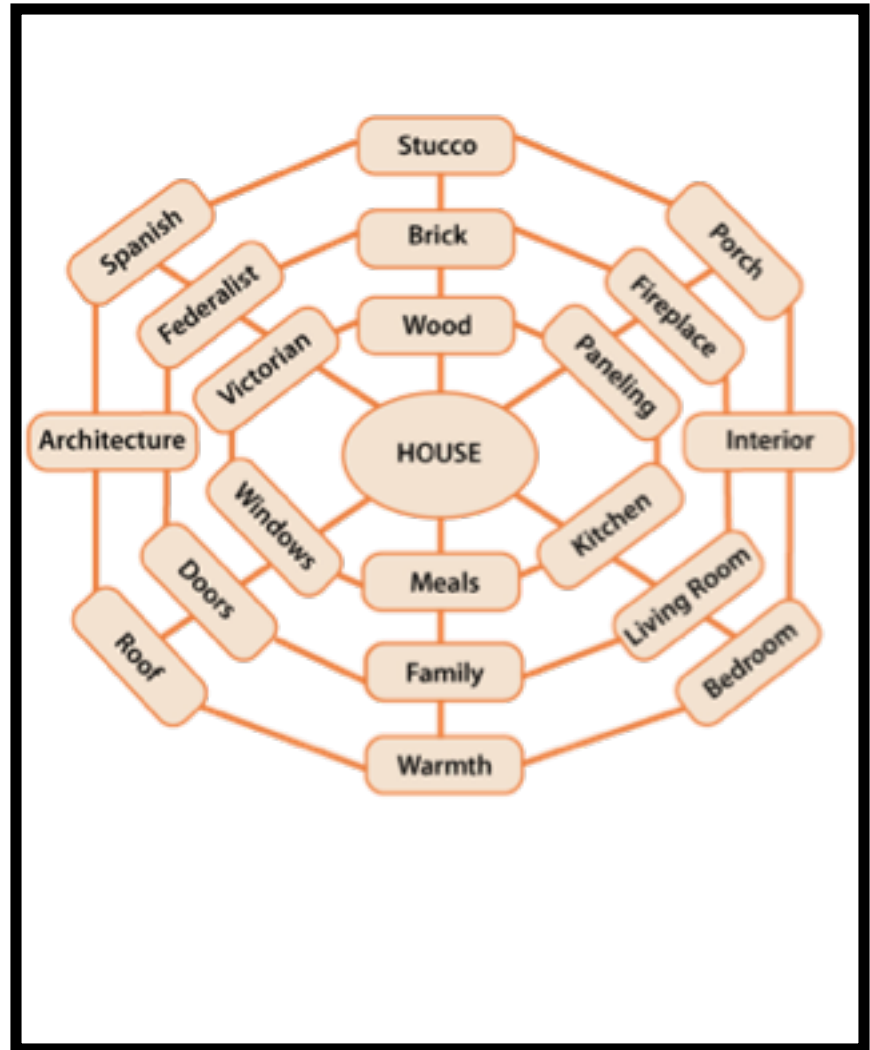
Phase 3

Phase 4

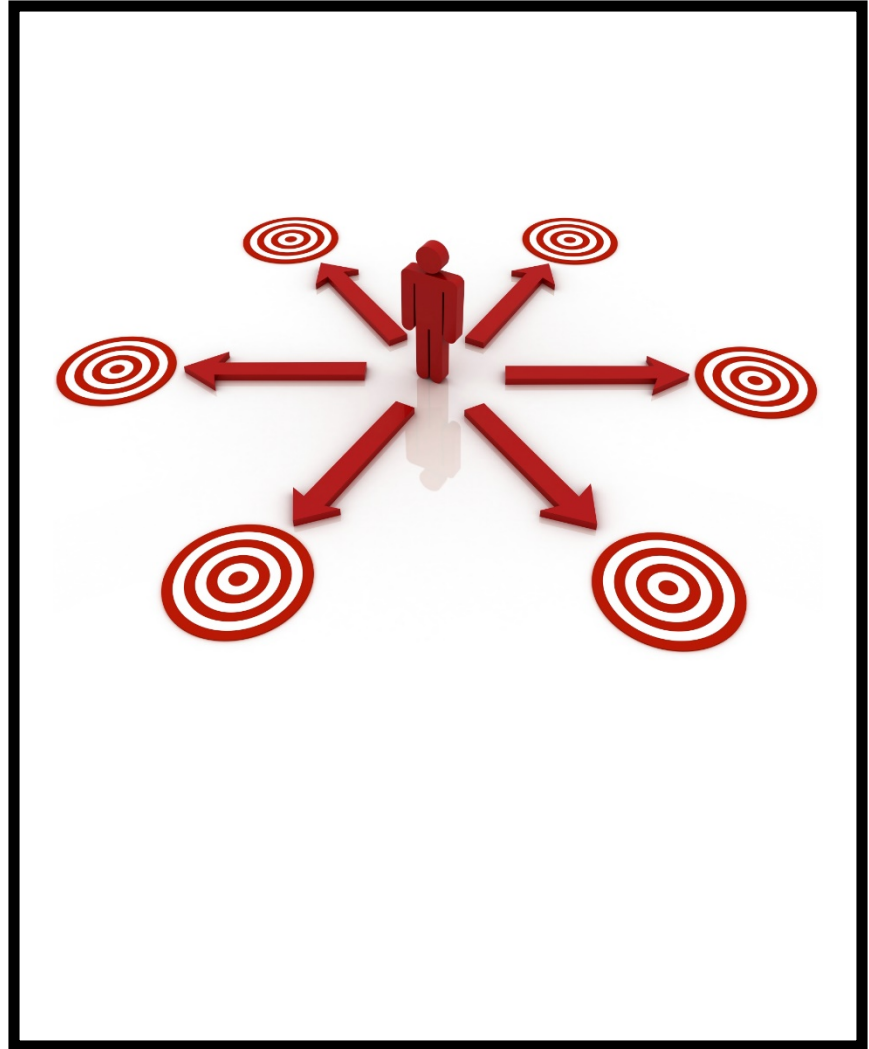
Phase 5



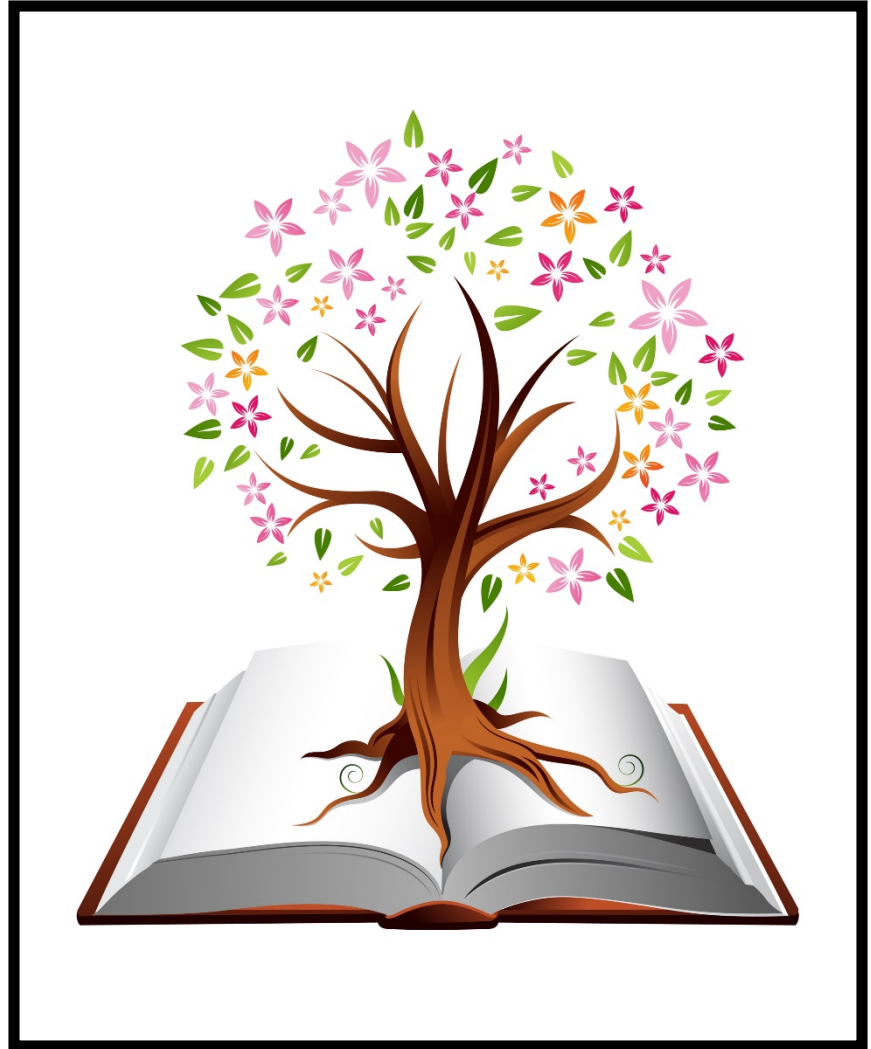
Schema



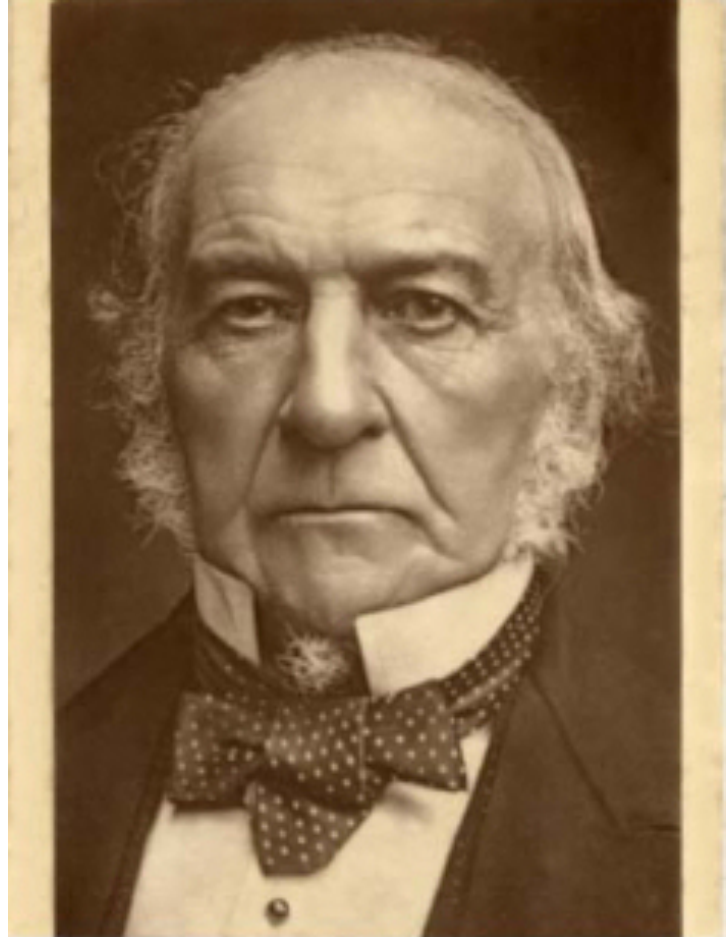
Concepts



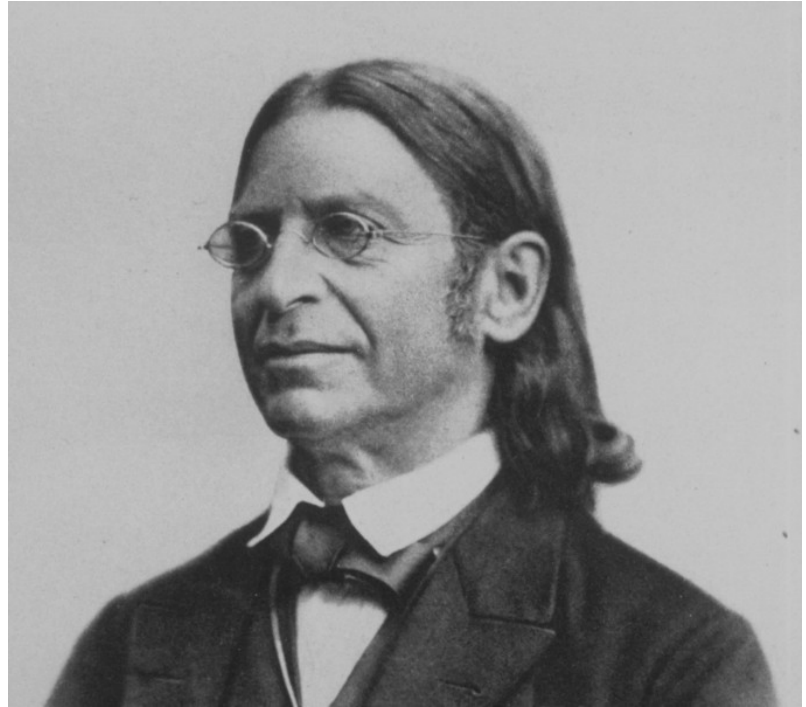
Stories



William Gladstone



Lazarus Geiger



Lapis Lazuli



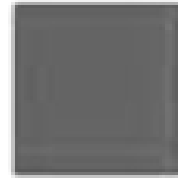
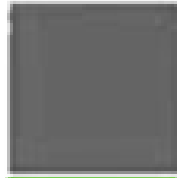
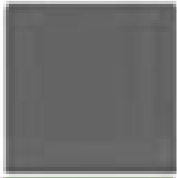
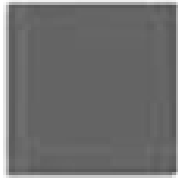
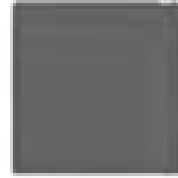
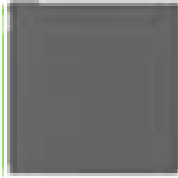
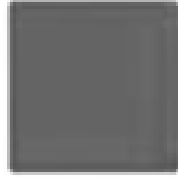
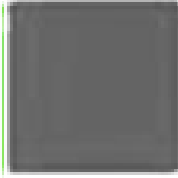
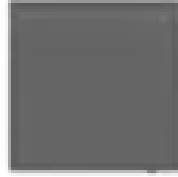
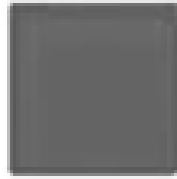
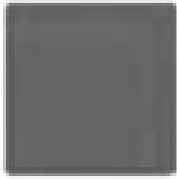
The Himba

Namibia



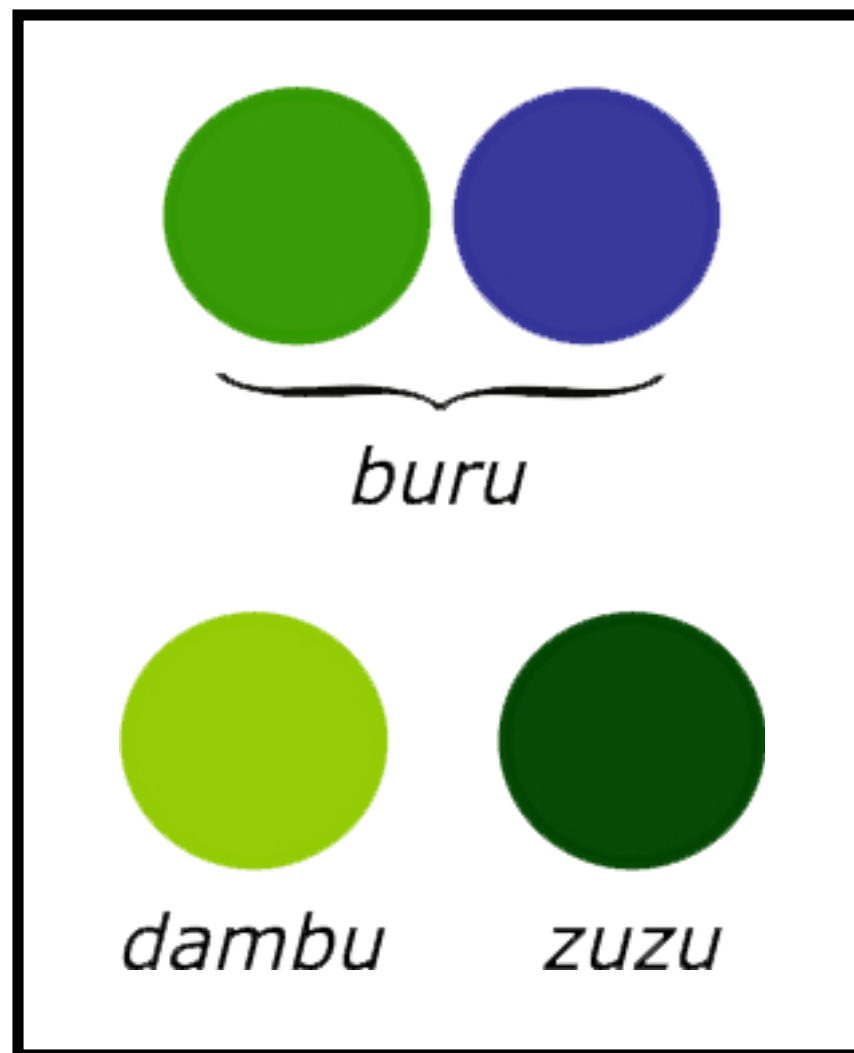




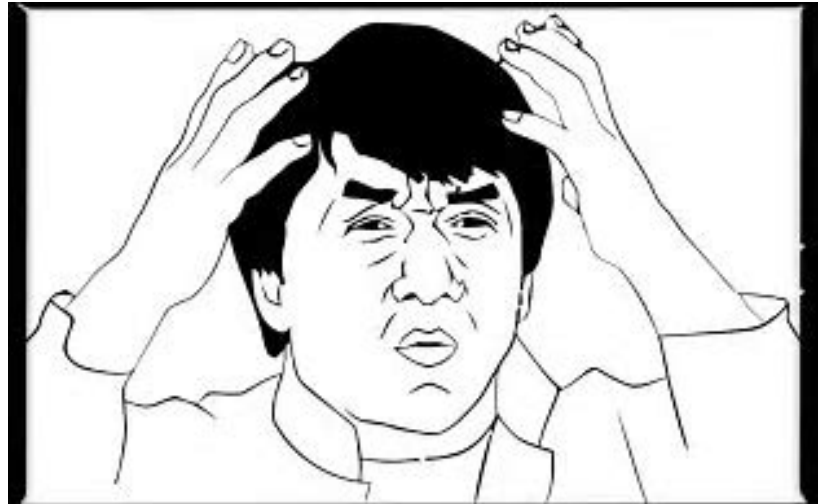




Himba

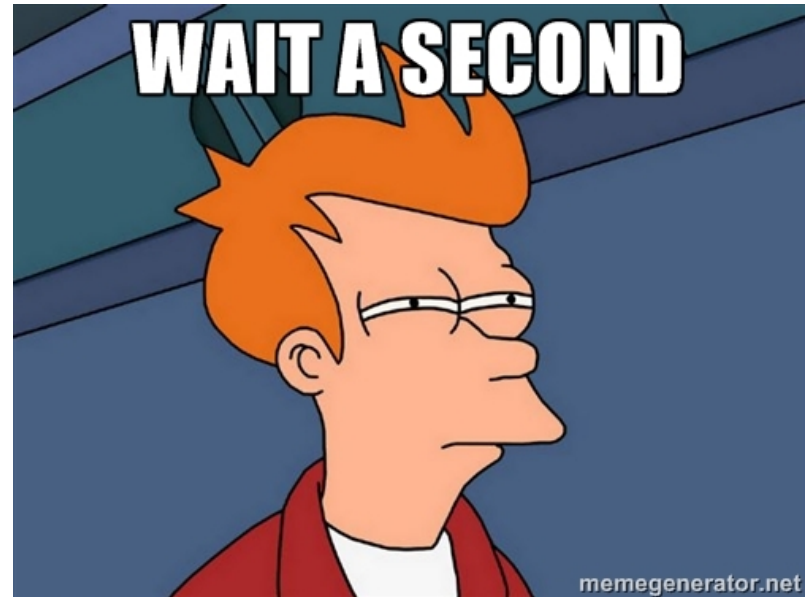


So What!?



The Brain

Phase 5

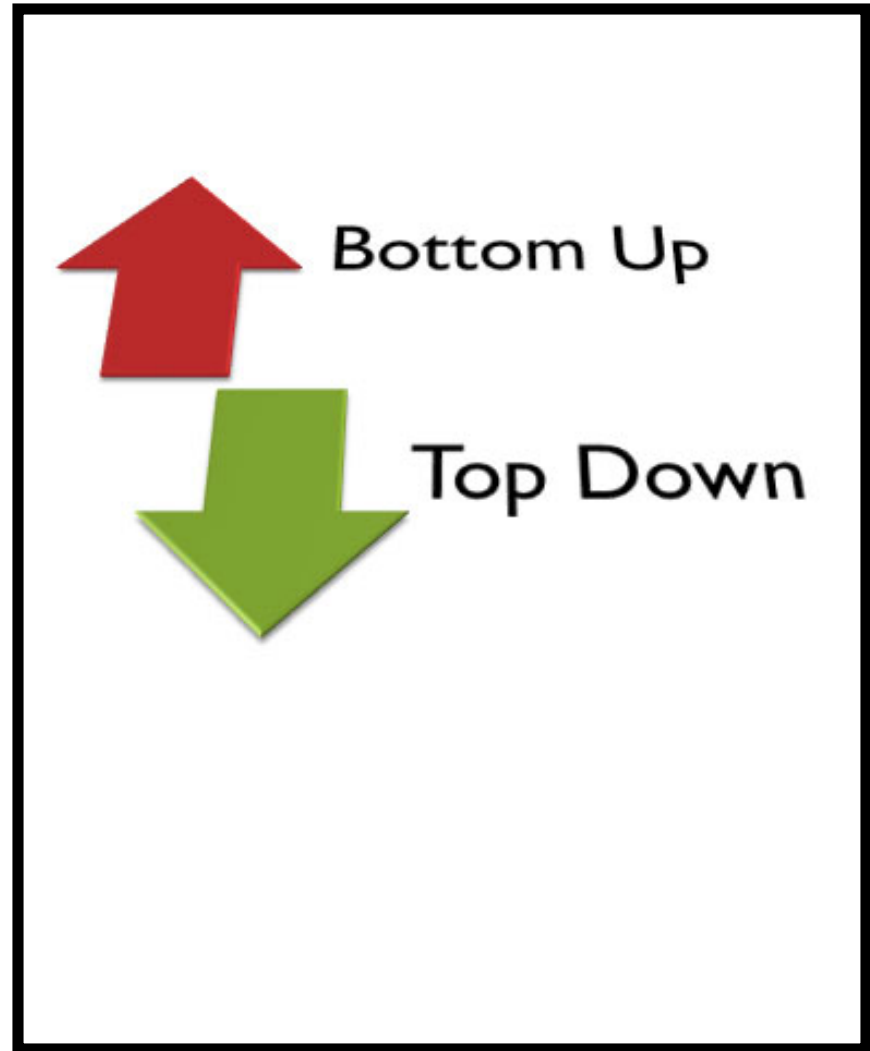


The Brain

Phase 5



Bottom Up /
Top Down



| | | |
|---|---|---|
| O | | X |
| X | X | O |
| O | | |



| | | |
|---|---|---|
| O | | X |
| X | X | O |
| O | | |

Sine-Wave Speech

1



2



What is This!?



Bottom Up



FINISHED FILES ARE THE RESULT OF YEARS OF SCIENTIFIC STUDY COMBINED WITH THE EXPERIENCE OF YEARS.

Bottom Up

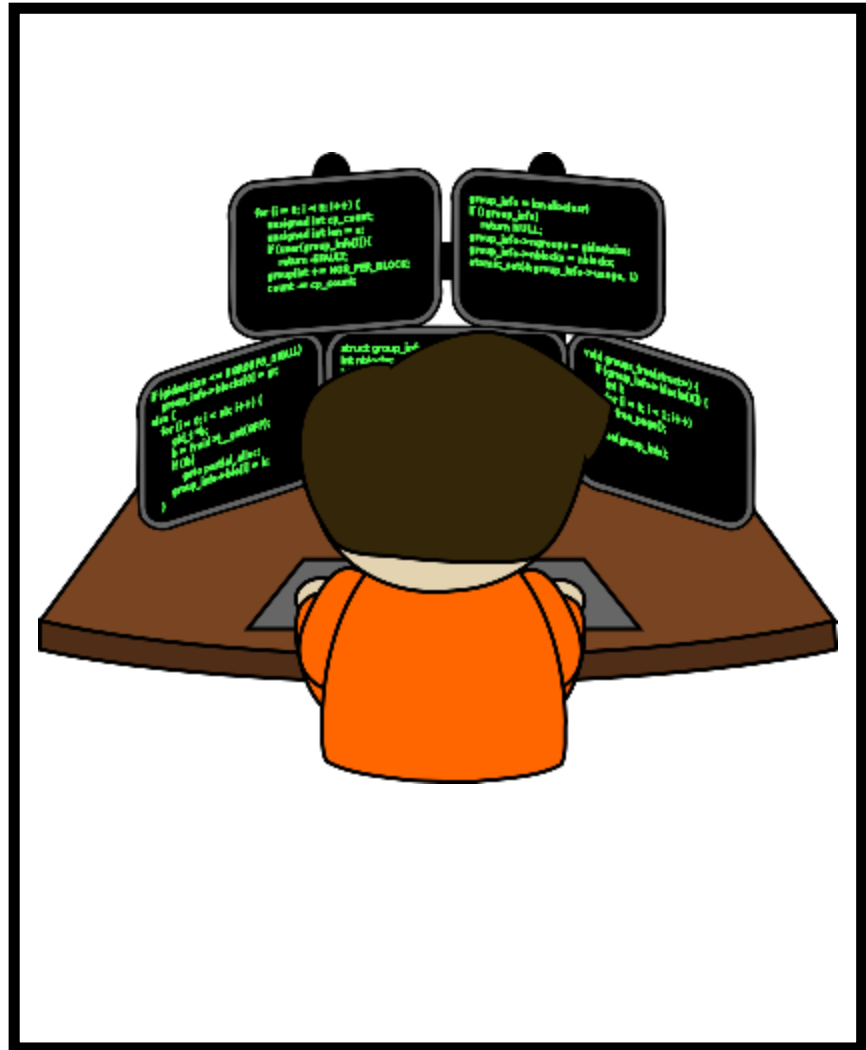


I
Love
Paris in the
the Springtime

Btootm up aicvtaion of pragmmros
taht fit wtih your prictdeion is the
reosan you can raed this sntecne with
Mimanil eforft – that and yrou’e
Pterty Sarmt!

Access the Coder?

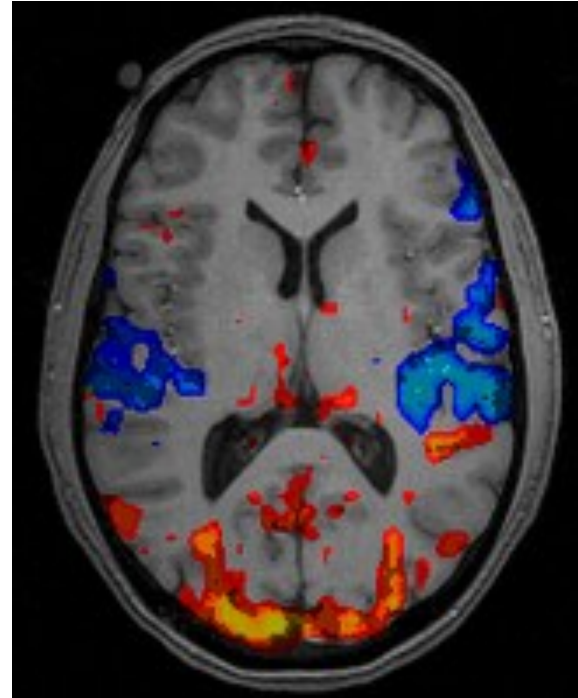
3 Ways...



Note...

*During a BOLD recording,
what spin should the
neutrinos have in order to
generate a radio signal?*

Anti-Clockwise



1) Go Brand New (*Trajectory*)



| | | |
|---|---|---|
| O | | X |
| X | X | O |
| O | | |

2) Change the Ruleset *(not the difficulty)*

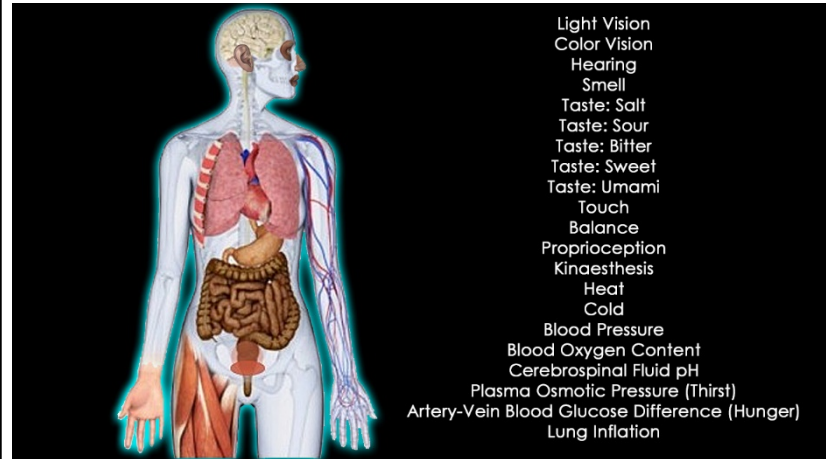


Note...

How many senses does the typical human being have?

5

21



3) Error



needs and tails are
away for the father
that to focus on the
test, his new play
speedy or tame.

Unless an error is large, it will NOT
activate the error alarm. For this
reason, we need a different way
to activate the alarm.

What could it be?

FEEDBACK!



So Now Then

What's Your Story?

