

What are the steps that I need to follow here? I am figuring out... I am wondering... Metacognition: intentional thinking about how you think and learn What do I already What is the know about this assignment topic? Cognition: your thinking asking me to do? activities and processes Where did I get It reminds me of... stuck when trying to solve this problem?

# RATIONALIZATION MAY BE DEFINED AS SELF-DECEPTION BY REASONING.

- KAREN HORNEY -

LIBQUOTES.COM

### **Scientific Skepticism**

**Many additional Topics** 

Anti science

**Food safety** 

**Food labeling** 

Health claims on food and supplements

Religions influence on science

The Mayan calendar and 2012



#### What Are The Alternative Thinking Styles?

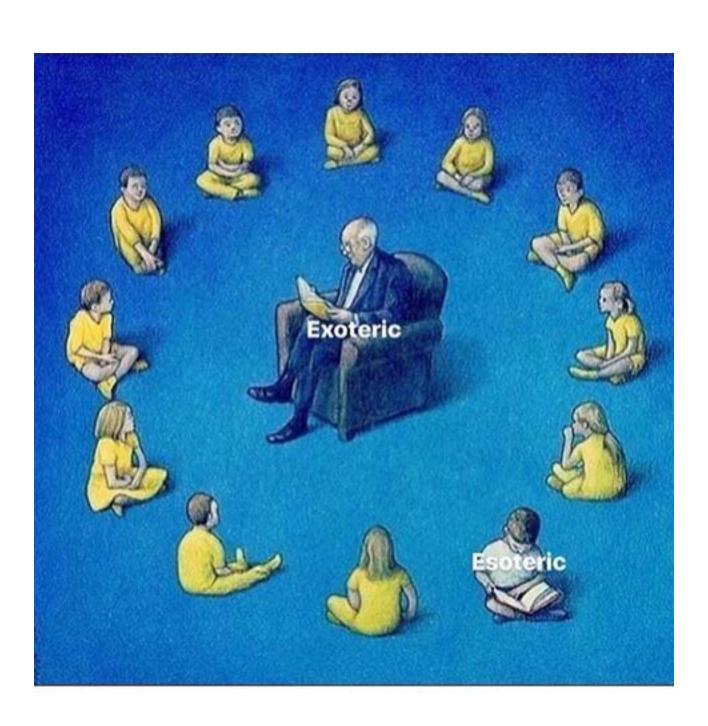
#### Sponge Approach

- Consists of absorbing information—it is a "passive" approach
- You can know lots about the world this way; but it is passive and requires little mental effort
- It is quick and easy; but the problem here is that it does not advise you about which information to reject or believe

- Panning-for-Gold Approach (Preferred Method)
  - Where you ask questions about what you read and hear
  - It is an "interactive" approach; you interact and are challenged with the material presented to you

### **Egalitarian Societies**

- No individual or group has more wealth, power, or prestige than any other.
- Everyone, depending on skill level, has equal access to positions of esteem and respect.
- Found most readily among geographically mobile food collectors
  - Ju/'hoansi of the Kalahari region
  - Inuit
  - Hadza of Tanzania



#### Critical Thinking Types

#### Weak Sense

- Is about using critical thinking to defend your position or beliefs
- It is simply about being rigid and not progressive in thinking where you can grow by engaging in enlightened thought

### Strong Sense

- Is about challenging ourselves to think differently, to help protect against selfdeception and conformity
- You need to be courageous to do strong sense critical thinking

### Intellectual and Moral Virtues

- Intellectual Virtues
- Intellectual virtues are virtues of the mind.
- Such as the ability to understand, reason and make sound judgement
- Intellectual virtues may be taught, like logic and mathematics by teachers.

#### Moral Virtues

- Not innate, rather they are acquired through repetition and practise, like learning a music instrument.
- It is through the practice and the doing that one becomes a type of person.
- Over a period of time virtues become second nature.

### System 1



**Fast** 



Unconscious



**Automatic** 



Everyday Decisions



Error prone

### System 2



Slow



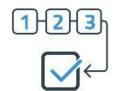
Conscious



**Effortful** 



Complex Decisions



Reliable





FOR BUSINESS

**CREATIVITY** 



# THINKING NEW

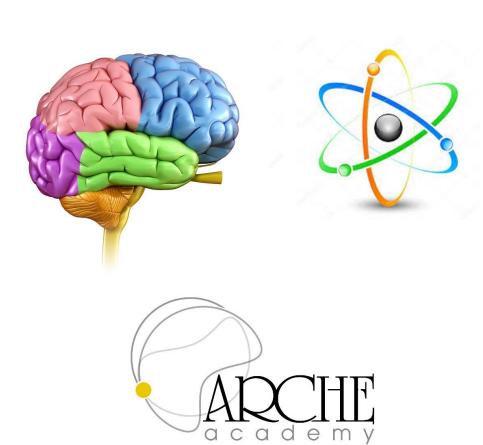


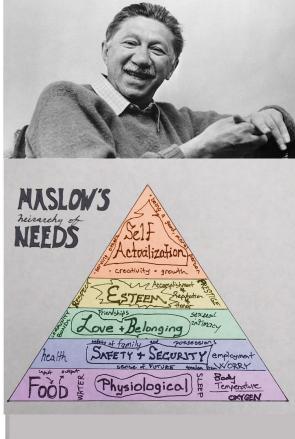
# BOXES



Five essential steps to spark the next big idea

LUC DE BRABANDERE and ALAN INY OF THE BOSTON CONSULTING GROUP





### <u>METAPHOR</u>

A metaphor is a phrase or sentence that compares one thing to another and DOES NOT use the words <u>like</u> or <u>as</u>.

For example: Rudolph's nose is a stoplight.

Rudolph's nose was a shiny Christmas ornament.

The stoplight on the front of Rudolph's face lit the way.

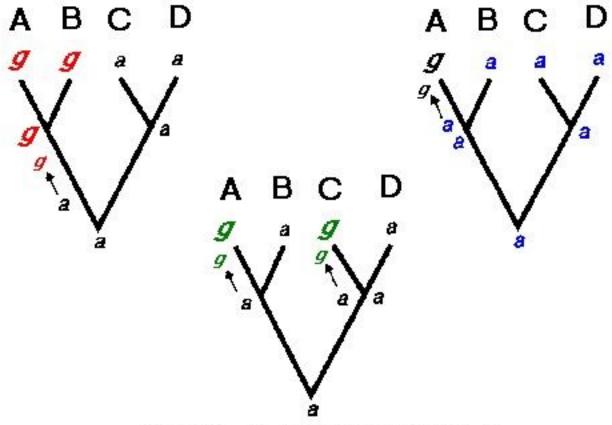
# Litreal Vs. metaphorical

indigenous feild of application vs

Alien field of application

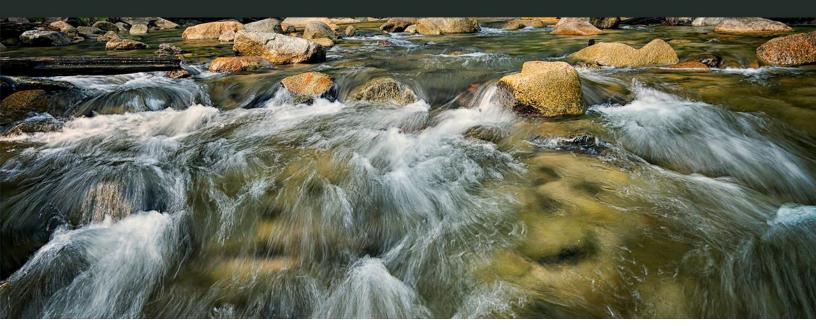
### Derived Homology

### Ancestral Homology

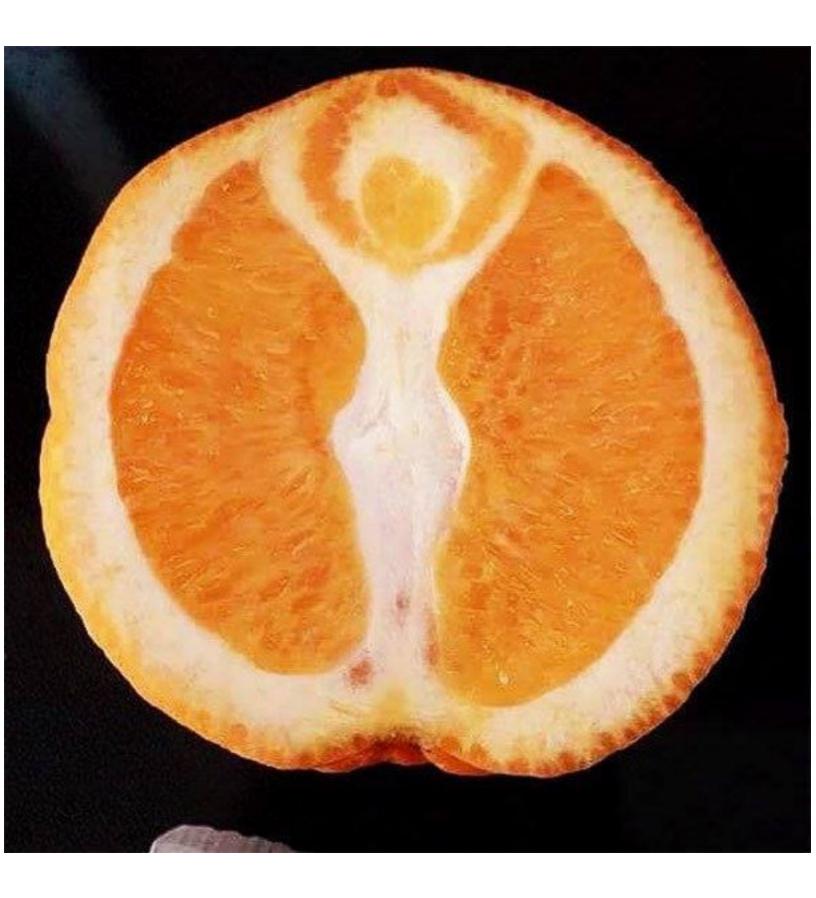


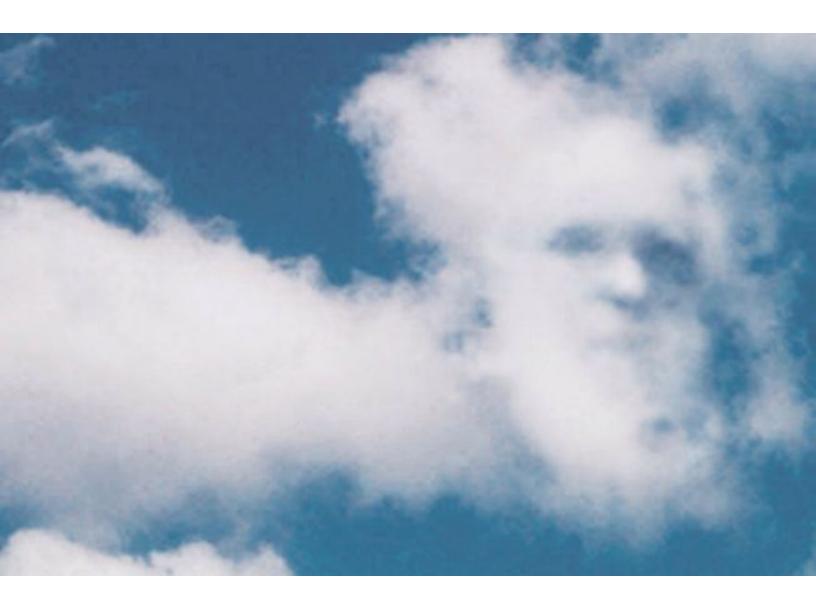
Analogy (Convergence)

If you can see faces in this picture, you're probably suffering from facial pareidolia, and have a well-wired brain.





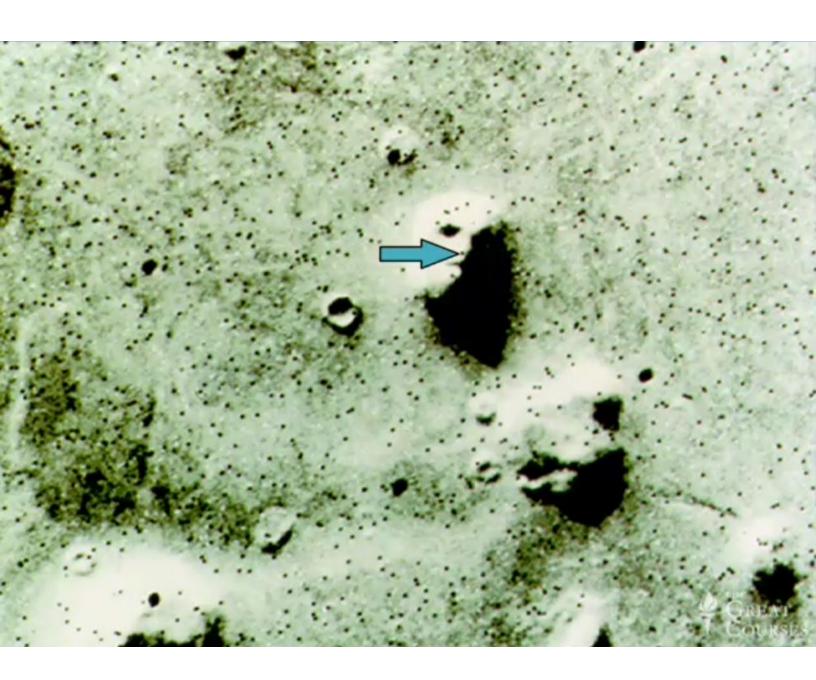








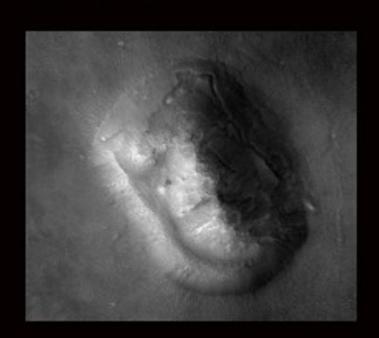




### "Face on Mars"

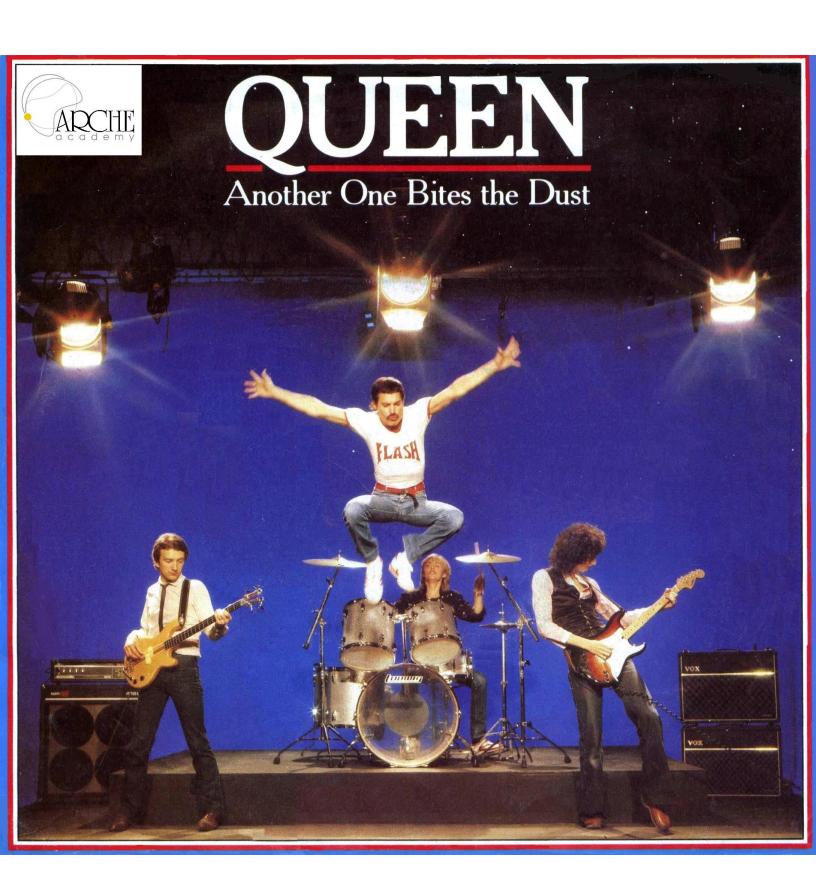


1976 Viking Orbiter Image



2001 Mars Global Surveyor image

# Apophenia, Audio Pareidolia and Musical Ear Syndrome



### **Electronic Voice Phenomenon**

- It is claimed (e.g., Raudive, 1971) that by leaving a tape-recorder in record mode or by recording from a radio set between stations, messages from the spirit realm can be recorded
- Interpretation of the vague sounds recorded is often entirely subjective (Smith, 1972; Ellis, 1975)

### Reverse Speech or Backward Masking?

- Reverse speech is NOT created by soundtrack manipulation
  - The unique way the words are spoken or sung forwards creates the backward message
  - Speech is intelligible both forwards and in reverse

### **Better by You, Better Than Me**







Freaking News.com





### The Infinity Code

Mr. Tom Mack, Director The WhiteStone Foundation for Research, Inc.

http://www.whitestonefoundation.org

