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### Design: Andromeda Galaxy

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### Design: A Horse's Eye

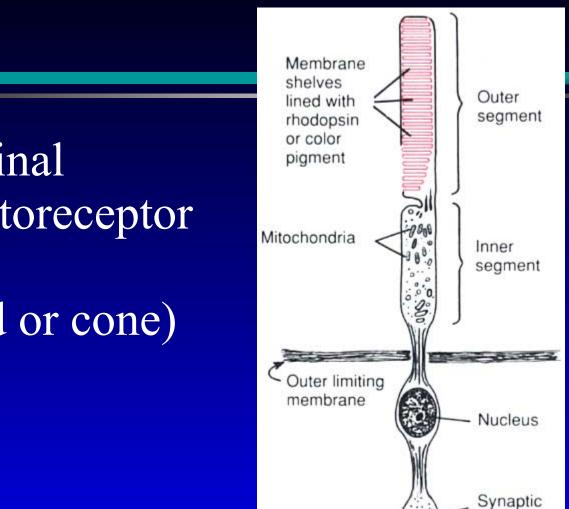


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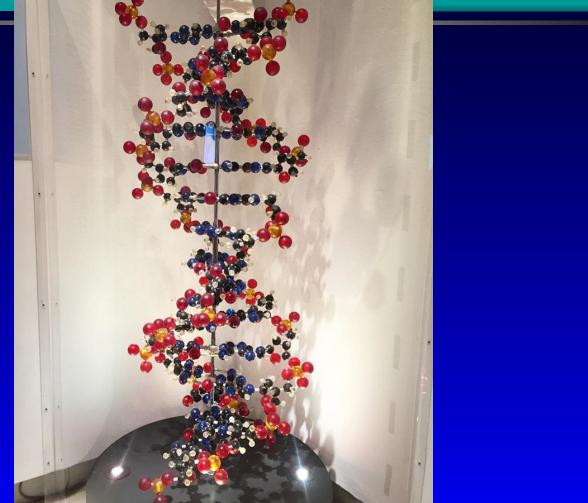


body

Retinal photoreceptor cell (rod or cone)

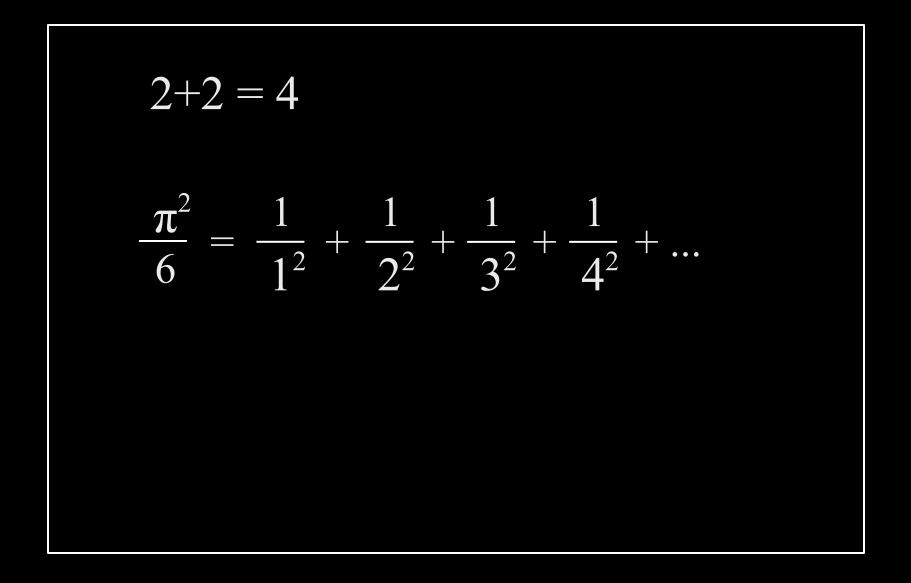
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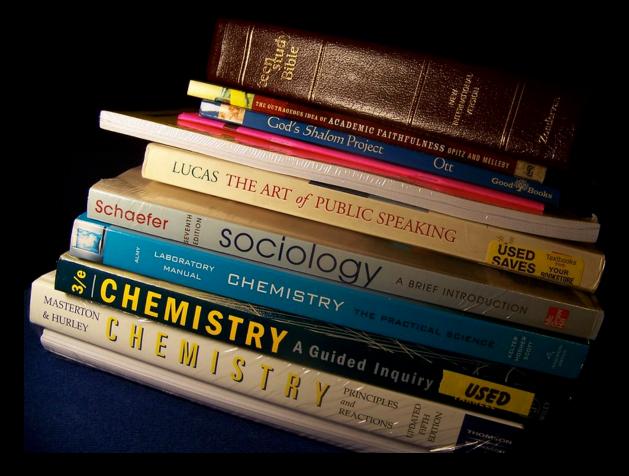


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### Design: Mathematics



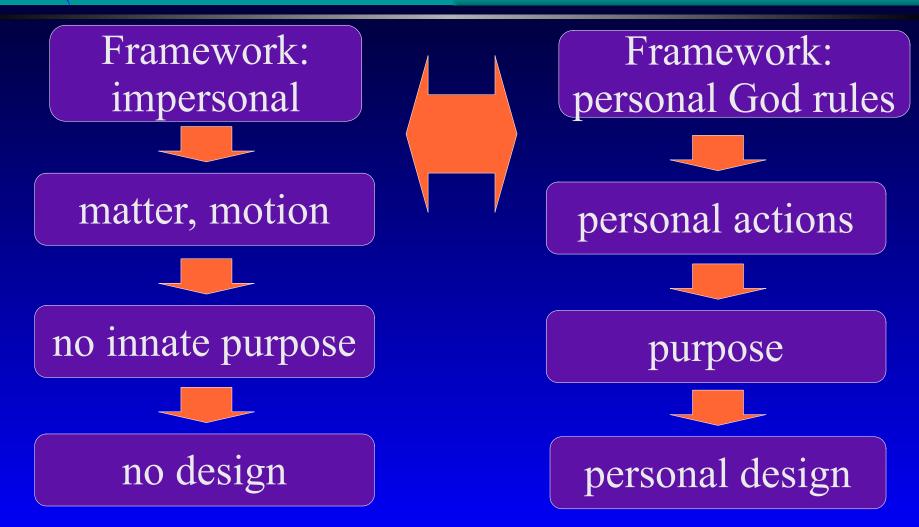
### Design: Books



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## A. Debating Whether Design Exists

## Commitments: Impersonal vs. Personal Origin



Ways of Finding Design—In What **Context?** What Assumptions?

## **Overcoming Resistance** Exploring Implications

- Skeptic denies personal supervision
- ► Hard to establish design
- ► Is human designer enough?

- Start with a knowledge of God
- Easy to see his benefits
- Human designers design in imitation and in cooperation with God

## **Regions for Design**

- ► Is human designer enough?
- Look at physics, chemistry, and biology

## **Overcoming Resistance** Exploring Implications

- Human designers design in imitation and in cooperation with God
- Look at language

# B. Examples of Design

## A Specific Text PRIDE AND PREJUDICE

### CHAPTER I.



Γ is a truth universally acknowledged, that a single man in possession of a good fortune must be in want of a wife.

However little known the feelings or views of such a man may be on his first entering a

neighbourhood, this truth is so well fixed in the minds of the surrounding families, that he is considered as the rightful property of some one or other of their daughters.

'My dear Mr. Bennet,' said his lady to him one day, 'have you heard that Netherfield Park is let at last?'

Mr. Bennet replied that he had not.

'But it is,' returned she; 'for Mrs. Long has just been here, and she told me all about it.'

Mr. Bennet made no answer.

'Do not you want to know who has taken it?' cried his wife, impatiently.

' You want to tell me, and I have no objection to hearing it.' This was invitation enough.

CC0



## Indefinite Complexity

I saw

a hair on a leg on a flea on a wart on a frog on a log on a rock at the edge of a pond in the woods in southeastern Pennsylvania.

## Abstraction

Infinity Ideas Citizenship Aesthetics Philosophy Immateriality Indefiniteness Power

## **Communicative Purposes**

- > The hair is on the flea. ► Is the hair on the flea? > Might the hair be on the flea? > Why is the hair on the flea? > Put the hair on the flea. > Please put the hair on the flea. > Where is the hair?
- Let's examine the hair on the flea.



## <u>That</u> hair is on the flea. <u>The same hair</u> that I told you about is tiny.



CC0



The flea is tiny because all fleas are tiny.
Dogs scratch when they have fleas. (Causal reasoning)



It is the hair that is on the flea.
It is the flea that has the hair on it.
There is a hair on the flea.
It is true that the hair is on the flea.
That the hair is on the flea is peculiar.
I saw the hair on the flea.

## Poetry (Isaiah 40:3-5)

"In the wilderness prepare the way of the LORD; make straight in the desert a highway for our God. Every valley shall be lifted up, and every mountain and hill be made low; the uneven ground shall become level, and the rough places a plain. And the glory of the LORD shall be revealed, and all flesh shall see it together, for the mouth of the LORD has spoken."



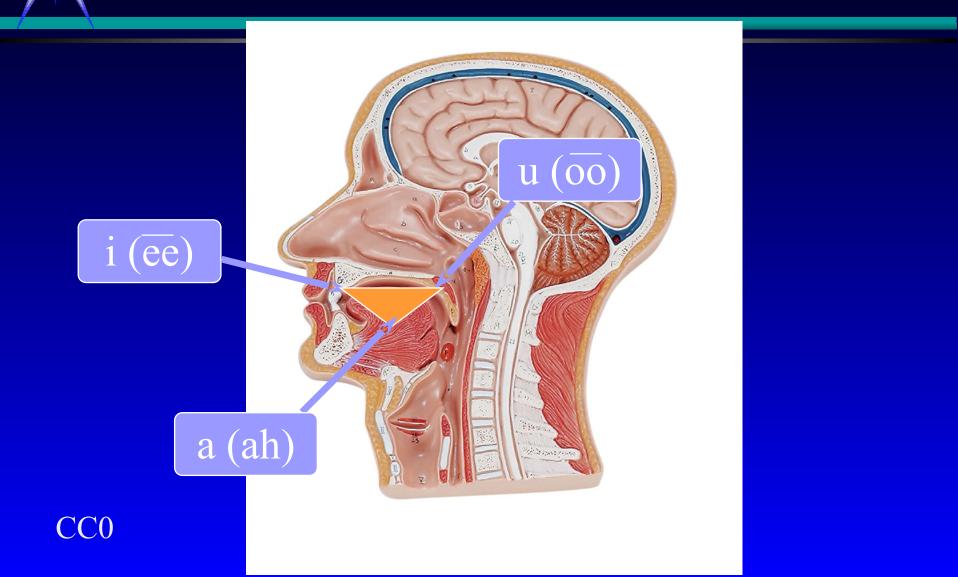
"In the beginning God created the heaven and the earth." – Gen. 1:1

"And God said, 'Let there be light,' and there was light." – Gen. 1:3

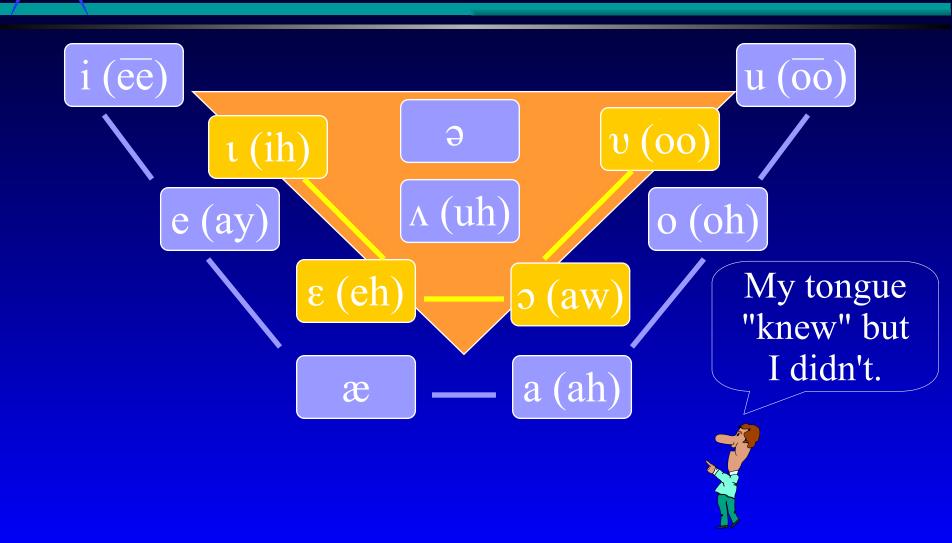
"Now the LORD said to Abram, 'Go from your country and your kindred ....." – Gen. 12:1

"[God] has blessed us in Christ with every spiritual blessing in the heavenly places, ....." – Eph. 1:3

## Anatomical Equipment



## English Vowel System







Stephen R. Anderson, Doctor Dolittle's Delusion: Animals and the Uniqueness of Human Language. New Haven: Yale University Press, 2006.



► 100 words? 200 words?

But single words or simple phrases, acting as signals for present action.



Lack of indefinite complexity
Lack of abstraction
Immediacy
Signal vs. complex meaning in human language

Complex oral articulation

## D. Language by Random Evolution?

## -Enough Time?

Biologically realistic numerical simulations revealed that a population of this type required inordinately long waiting times to establish even the shortest nucleotide strings. To establish a string of two nucleotides required on average 84 million years. To establish a string of five nucleotides required on average 2 billion years.<sup>1</sup>

1. Sanford, John, Wesley Brewer, Franzine Smith and John Baumgardner. "The Waiting Time Problem in a Model Hominin Population," *Theoretical Biology and Medical Modelling* 12/18 (2015), **DOI:** 10.1186/s12976-015-0016-z, https://tbiomed.biomedcentral.com/articles/10.1186/s12976-015-0016-z, accessed Jan. 13, 2020.

## Where Does Language Come From?

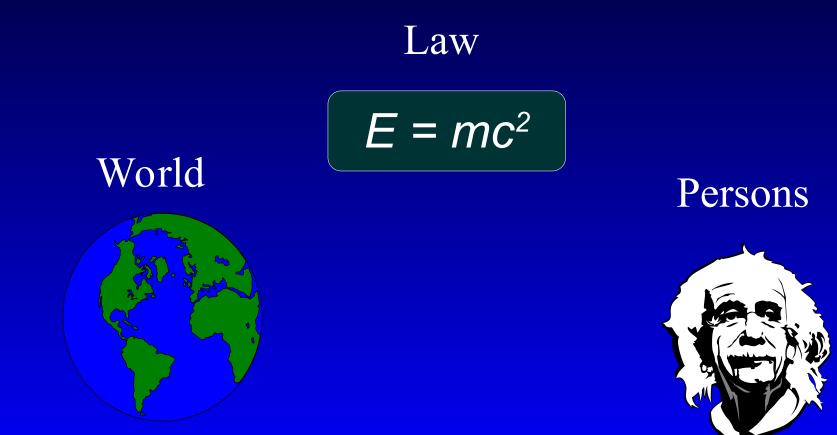
Evolution from gruntsHuman "construct"

#### ► Innate

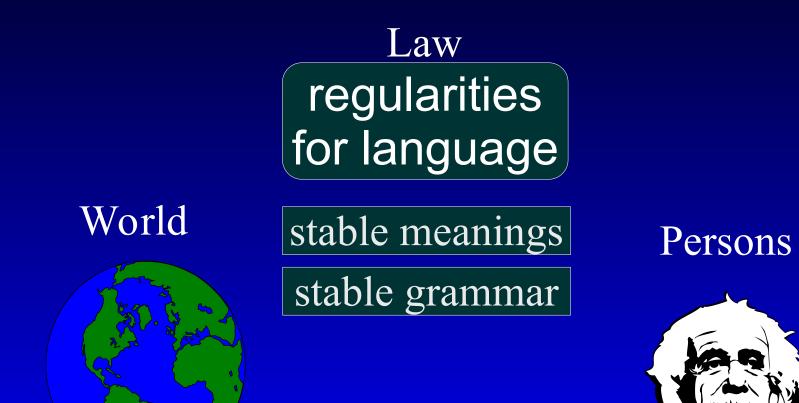
► Just-so story ► No one does: only pieces Multiple languages ► Relation to worlds ► Visible world ► Ideas ► Media Persons

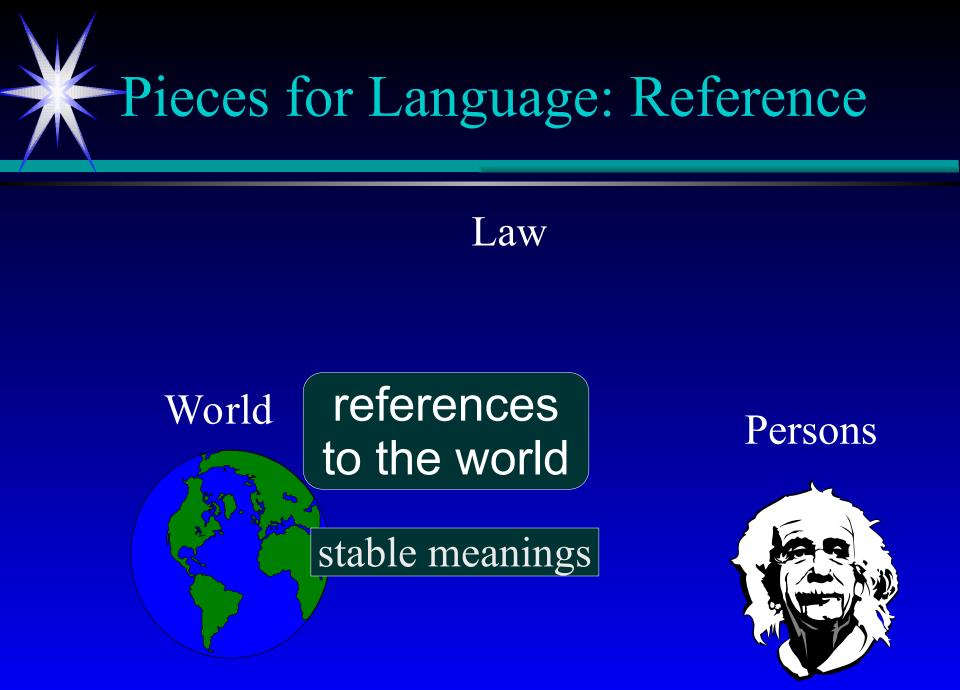






### Pieces for Language: Laws





## Pieces for Language: Persons Who Speak

#### Law

#### World



#### utterances with meaning

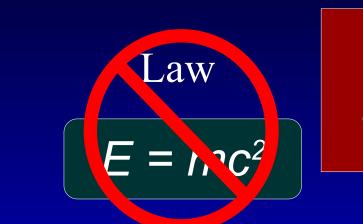
stable persons stable meanings comprehension

Persons





World

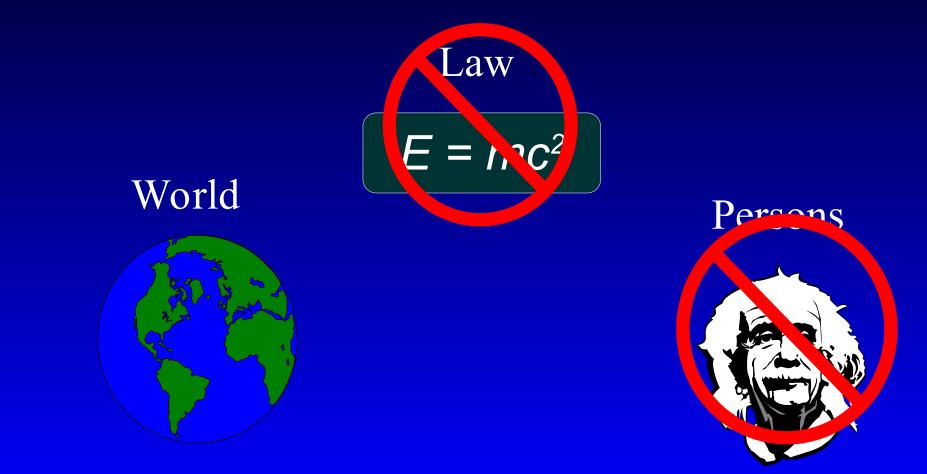


## gods in conflict

#### Persons

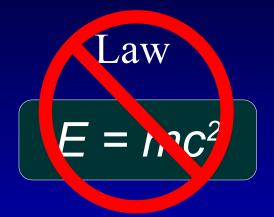


## Philosophical Materialism



## Postmodern Relativistic Subjectivism





Persons

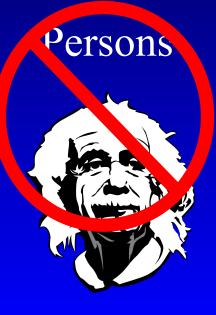


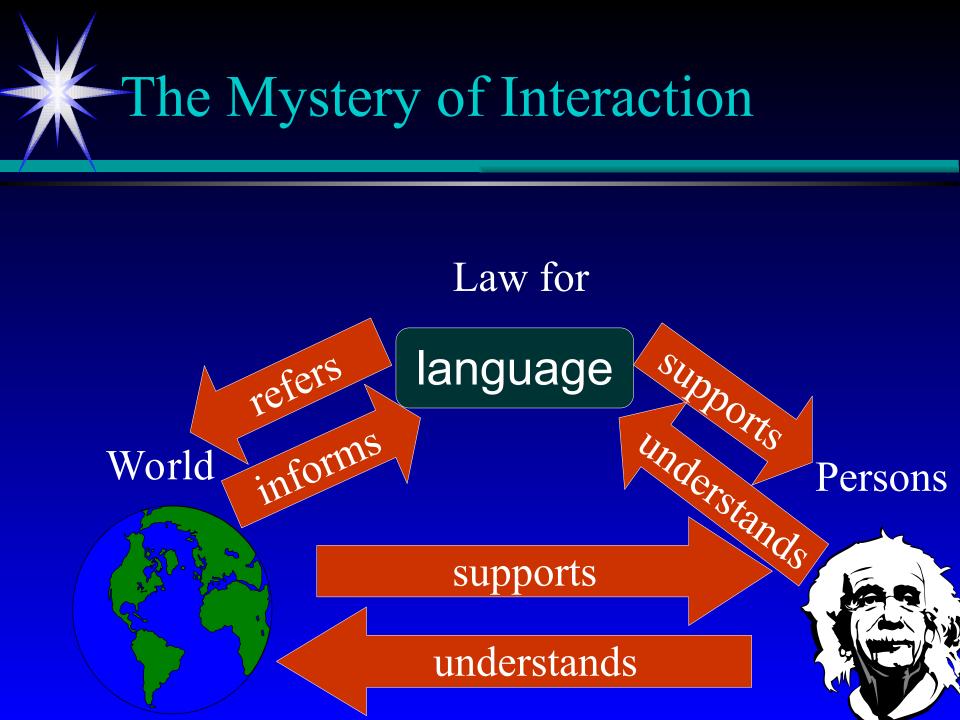


Worla

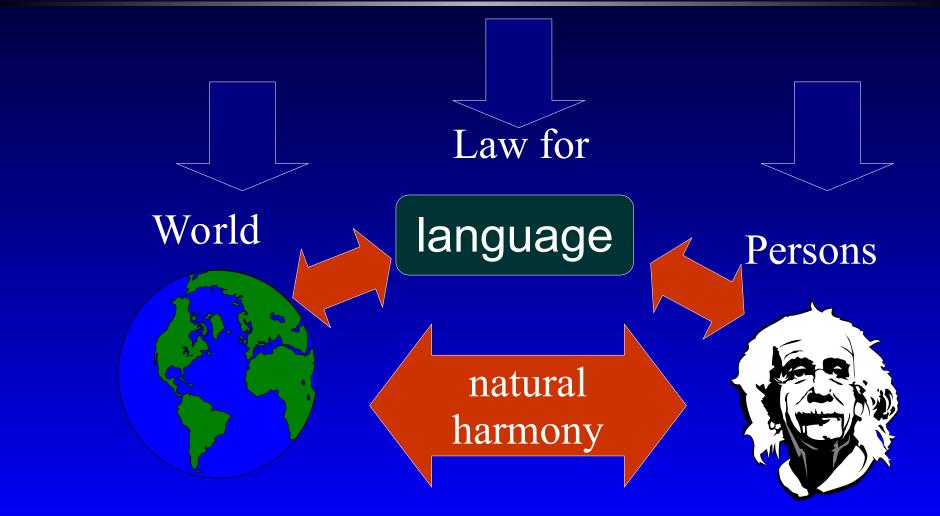
Law

$$E = mc^2$$

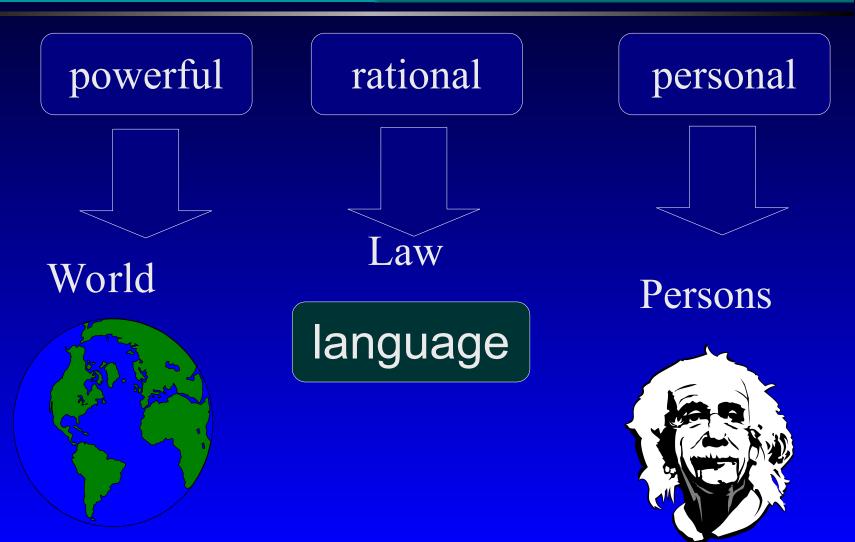








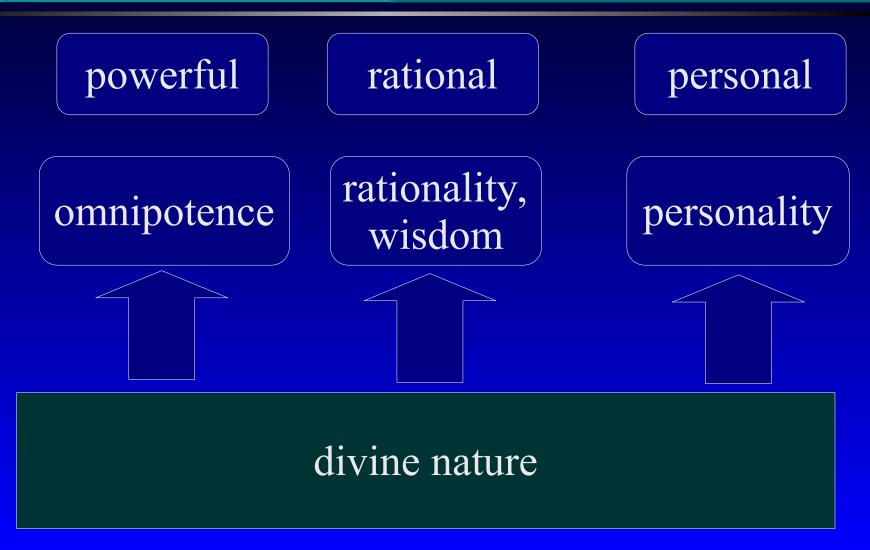




### Testimony of God

For what can be known about God is plain to them, because God has shown it to them. For his invisible attributes, namely, his <u>eternal</u> <u>power and divine nature</u>, have been <u>clearly</u> <u>perceived</u>, ever since the creation of the world, in the things that have been made. So they are without excuse. – Romans 1:19-20

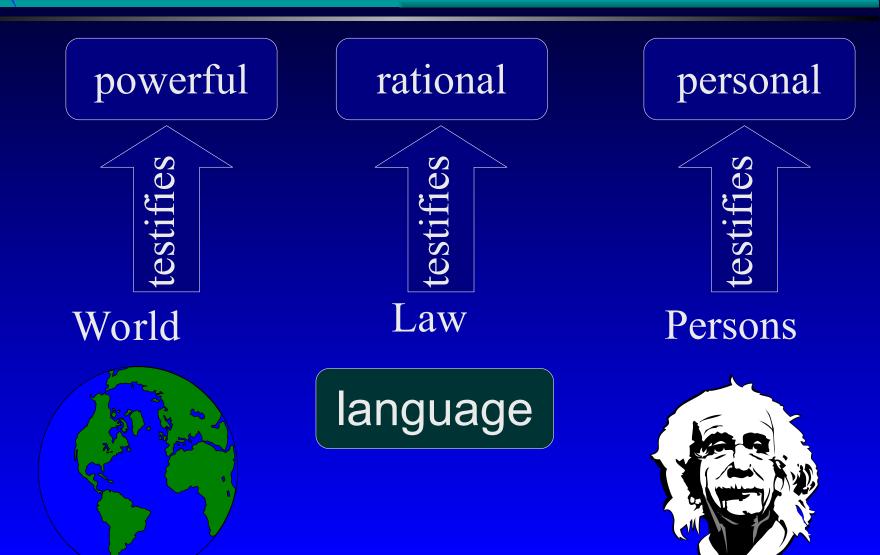


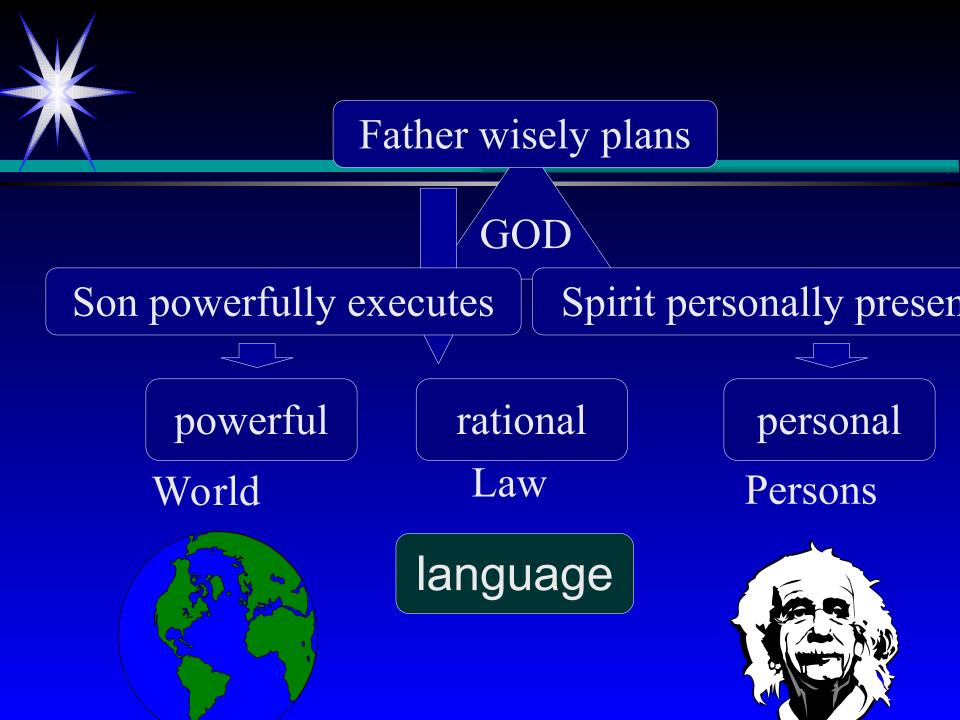




... who by their unrighteousness <u>suppress</u> <u>the truth</u>. – Romans 1:18

## Multiple Testimony

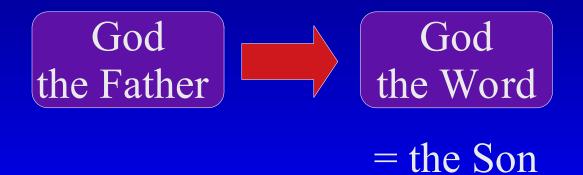






### The Eternal, Infinite Word

In the beginning was the <u>Word</u>, and the Word was with God, and the Word was God. – John 1:1



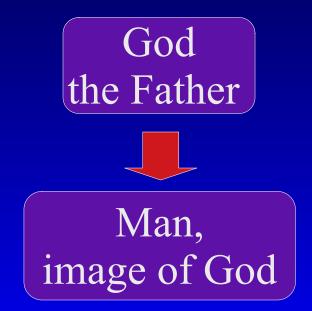


And God said, "Let there be light," and there was light. – Genesis 1:3



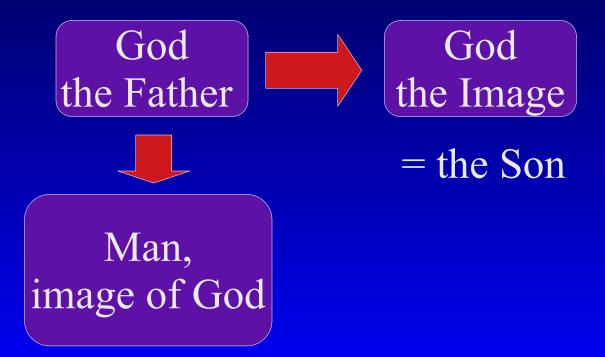


## Then God said, "Let us make man in our image, after our likeness." – Genesis 1:26

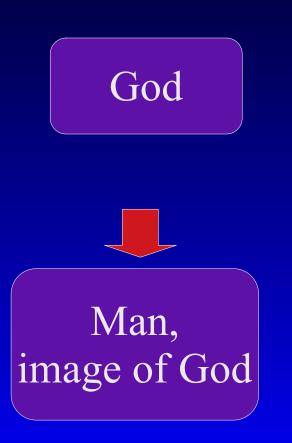


# Human Nature Patterned After God

## He [the divine Son] is the <u>image</u> of the invisible God. – Colossians 1:15







God called the light Day, and the darkness he called Night. – Gen. 1:5

And whatever the man called every living creature, that was its name. – Gen. 2:19





### Language as News of Salvation



For God so loved the world, that he gave his only Son, that whoever believes in him should not perish but have eternal life. – John 3:16

Man, image of God