### Living in the Stone Age



### **Examining History**

What is "PRE-HISTORY"?

 What is the historical dating system? How has it changed?

 Humans have undergone massive development over millions of year. There are 4 major groups. Guesses?

### **Development of Humans**

#### 1. Homo Habilis

Latin for "handy man"

#### 2. Homo Erectus

Latin for "upright man"

#### 3. Homo Sapiens

Latin for "reasoning man"

#### a) NEANDERATHAL

Neander Valley- Germany

#### b) CRO -MAGNON

South France- clearing away earth from back of a rock shelter locally known as Cro-Magnon 

# Homo Erectus\_1 May 1997

National Geographic's "Jackalopian" Reconstructed



From the neck down Homo erectus looks more

like Homo sopiens than Australopithecus. Yet the

hole in a vertebra (above) smaller than one today carried a spinal cord probably too

white cast, was nowhere near modern either.

left) would likely not have been capable of reasoning or imagining, the essence of our species.

Almost Like Us

brain the size of a one an's" notes Alan Valker, a member of he team that found the kull nictured above along with a remarkably complete skeletor the "Turkana boy."

The rib cage is virtu tical to that of Homo sobiego

those of other bominid helped give crectus great speed

tus through a physi limited for speech. The brain, replicated in the

slender erectus had ample surface area for A full-grown erectus female reconstruction (top sweating, an advantag

Empirical Science has proven that "brain size has nothing to do with "intelligence." "Modern" Homo sapien sapien only uses 8-10% of his! Look it up.



Two "Jackalopian" Reconstructed "alternatives" of Homo Erectus



### **Great Leap Forward**

 35 000 years ago when changes brought about innovation, creativity to humans (Homo Sapiens Sapiens)

#### **2 FUNDAMENTAL CHANGES OCCURRED:**

- 1) Development of modern anatomy
- 2) Beginning of innovative behaviour

#### <u>EFFECTS</u>

- Production of crafted tools and more sophisticated weapons
- development of trade for raw materials and ornaments
- Emergence of sculptures, paintings and crafted objects that showcased beauty and religion

## "Lithos" = stone

#### Paleolithic Age

- Greek "paleo" means "old"
- Upper Paleolithic age was 50 000 – 10 000 years ago

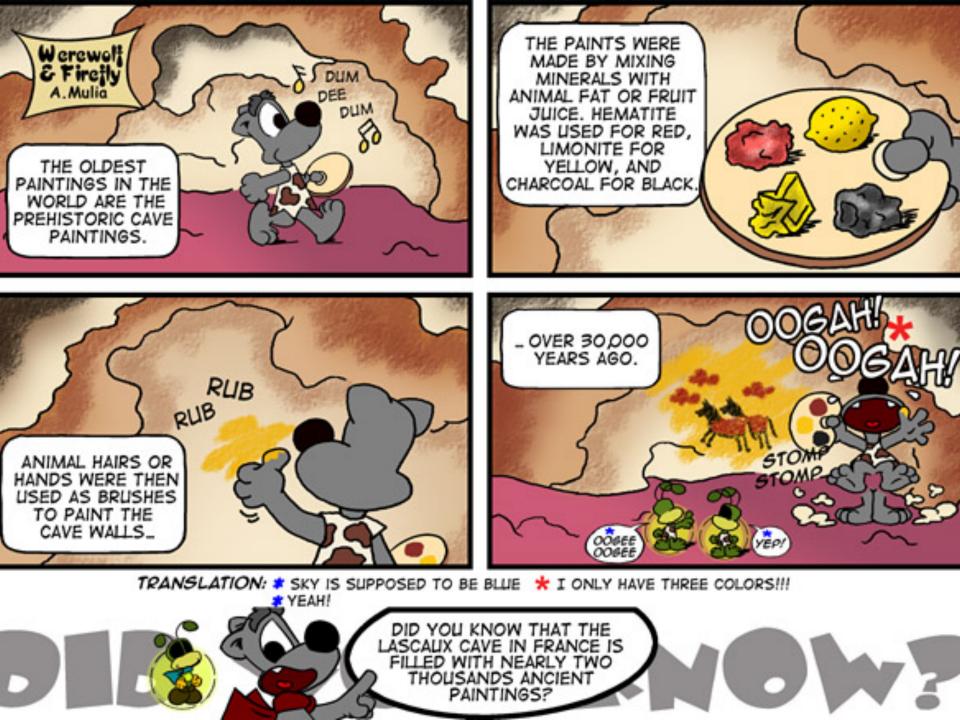
#### Neolithic Age

- Greek "neo" means "new"
- Neolithic Revolution occurred between 9000 – 4000 BCE





Image Analysis Activity: Observation, Deduction, Hypothesis



### Virtual Tour of Lascaux Caves

http://www.lascaux.culture.fr/#/en/ 02\_00.xml



#### Image Analysis Activity: Observation, Deduction, Hypothesis



Image Analysis Activity: Observation, Deduction, Hypothesis





### **RECAP: Major Innovations of the Stone Age**

- More complex human societies (from seminomadic to permanent cities; domestication of animals; leisure time)
- Development of social hierarchies
- Development of alliances and cooperation
- Marriage customs
- Development of trade goods and routes
- Religious rituals
- Refined sense of artistic beauty

# LEAD TO THE FRST "CIVILIZATION"