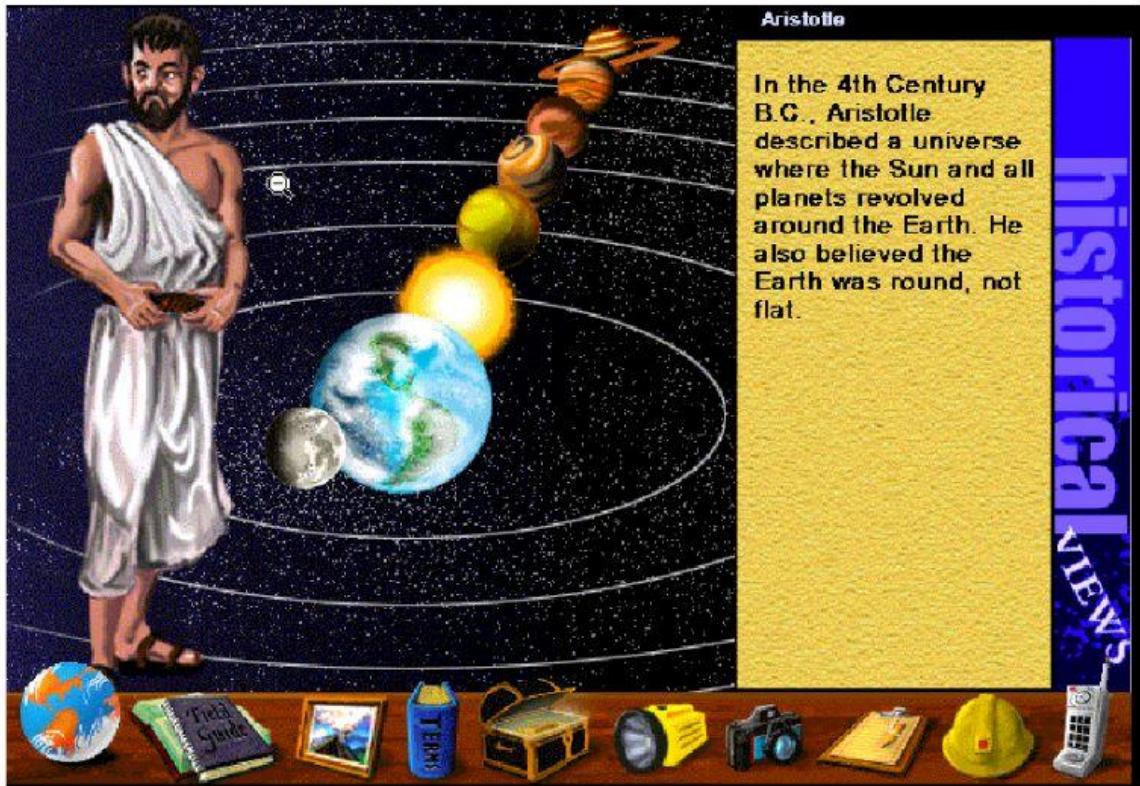


HISTORICAL VIEWS P2

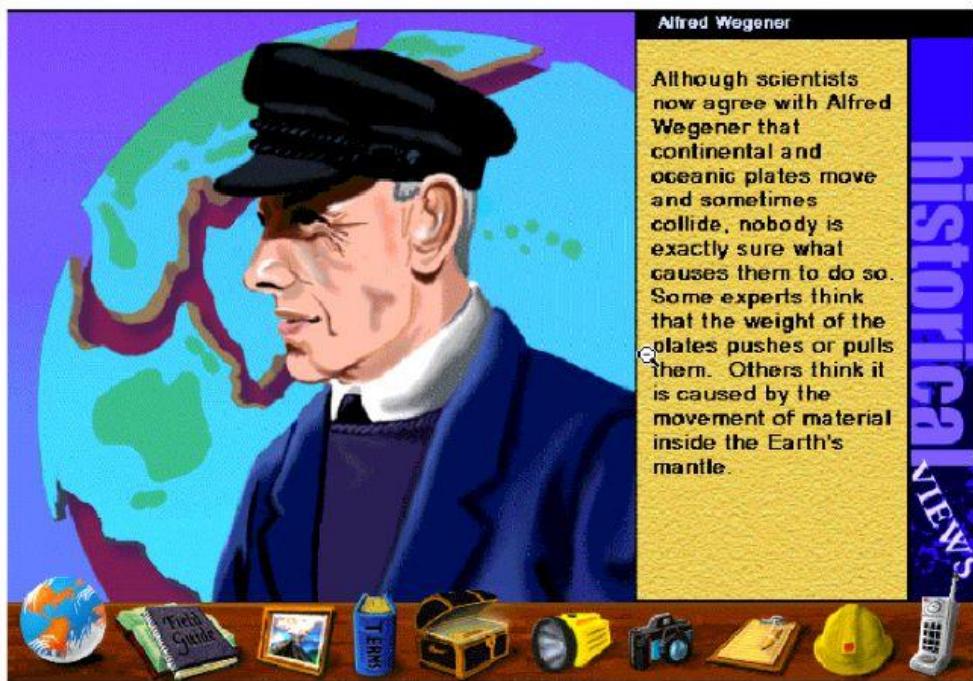


Aristotle

In the 4th Century B.C., Aristotle described a universe where the Sun and all planets revolved around the Earth. He also believed the Earth was round, not flat.

historical
VIEWS

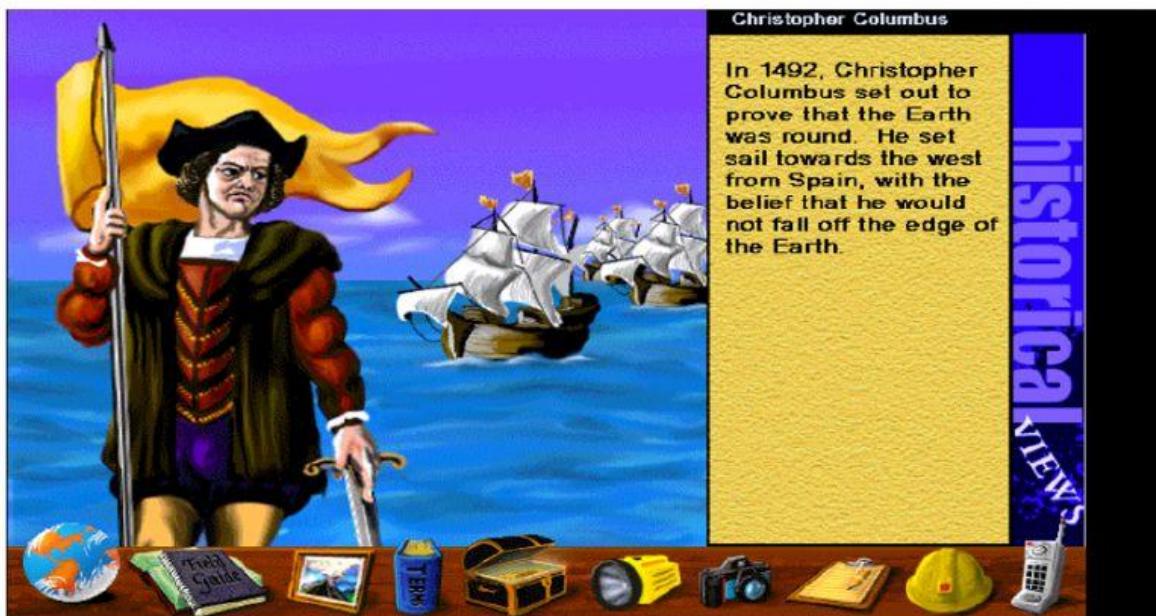
How does Aristotle initially describe a universe?



Alfred Wegener

Although scientists now agree with Alfred Wegener that continental and oceanic plates move and sometimes collide, nobody is exactly sure what causes them to do so. Some experts think that the weight of the plates pushes or pulls them. Others think it is caused by the movement of material inside the Earth's mantle.

The scientists now agree with Alfred about:

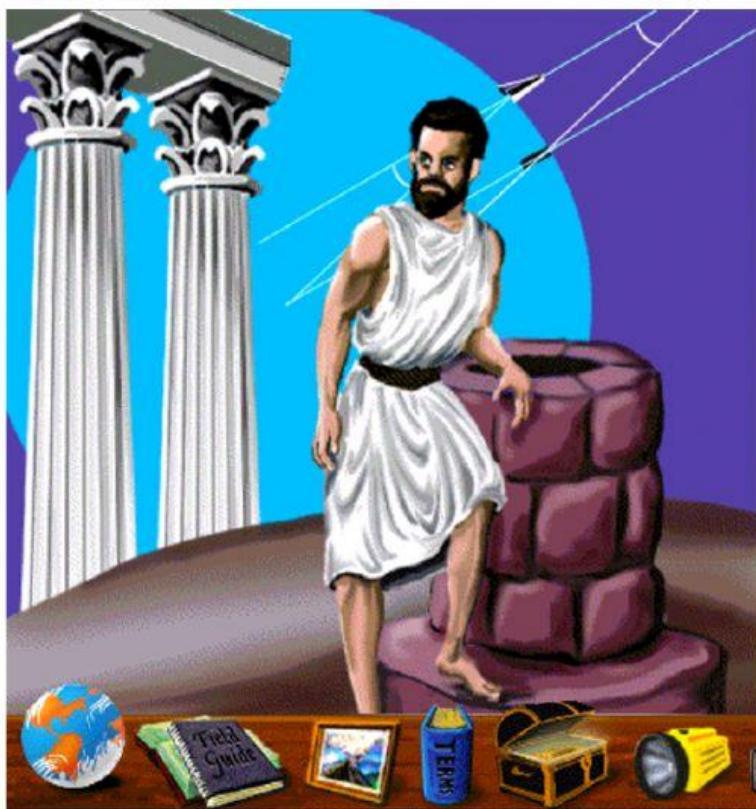


Christopher Columbus

In 1492, Christopher Columbus set out to prove that the Earth was round. He set sail towards the west from Spain, with the belief that he would not fall off the edge of the Earth.

historical
views

How can he prove that the Earth was round?



Eratosthenes

In 250 BC the ancient Greek mathematician Eratosthenes used a mathematical formula measuring the Sun's reflection in a well to figure out that the circumference of the Earth was about 25,000 miles. He was almost exactly right!

historical views

TERMS

Field Guide

camera

hard hat

mobile phone

globe

How can he calculate the circumference of the Earth?