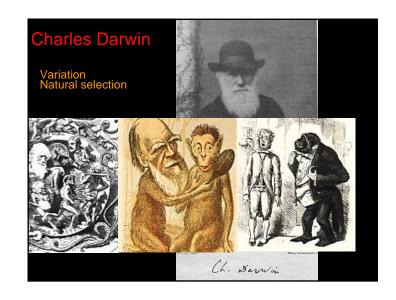
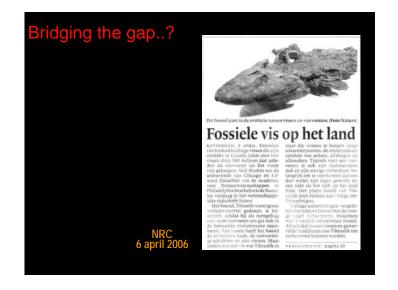
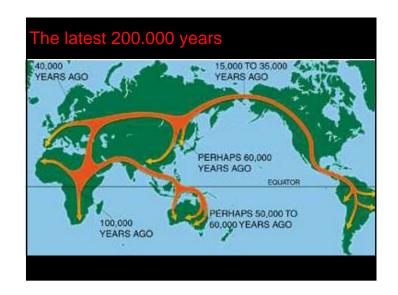


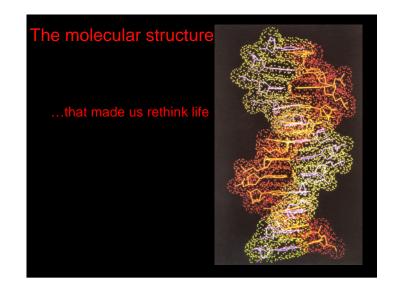
The "pagan rod" The case which did most to convert the Italian theologians to the scientific view was that of the church of San Nazaro, at Brescia. The Republic of Venice had stored in the vaults of this church over two hundred thousand pounds of powder. In 1767, seventeen years after Franklin's discovery, no rod having been placed upon it, it was struck by lightning, the powder in the vaults was exploded, one sixth of the entire city destroyed, and over three thousand lives were lost.







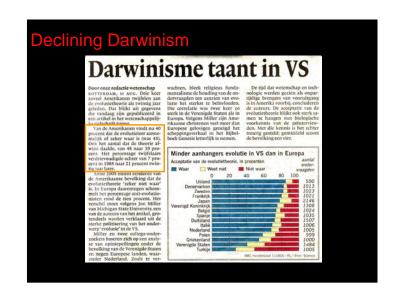






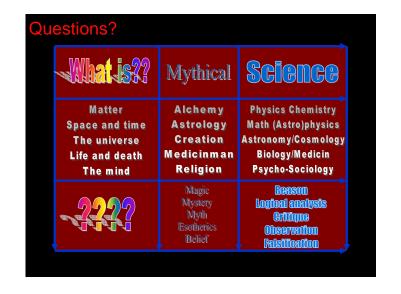
15 Answers to

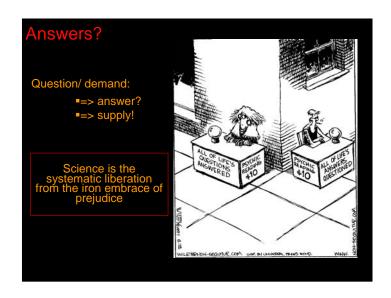
When Charles Darwin introduced the theory of evolution through natural selection 143 years ago, the scientists of the day argued over it fiercely, but the massing evidence from paleontology, genetics, zoology, molecular biology and other fields gradually established evolution 's truth beyond reasonable doubt. Today that battle has been won everywhere – except in the public imagination.

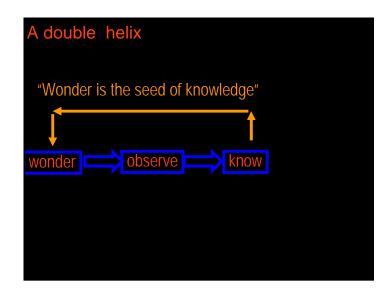






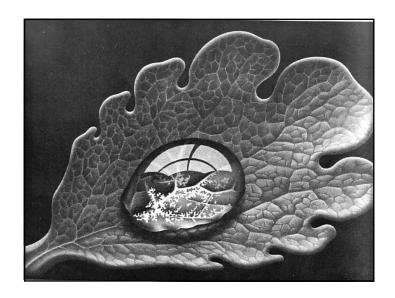


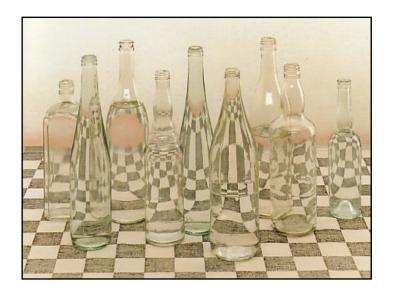


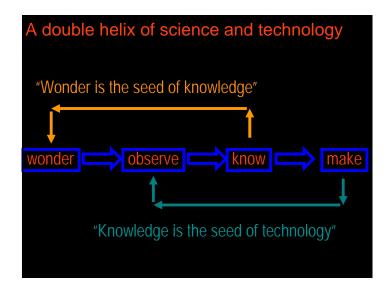


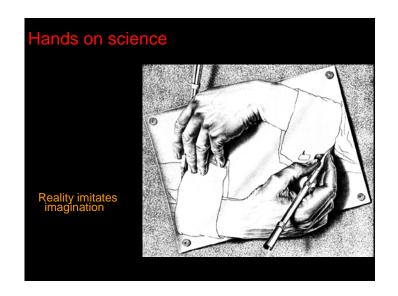


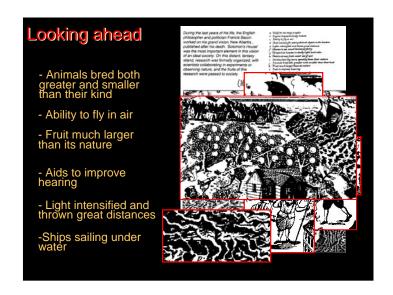


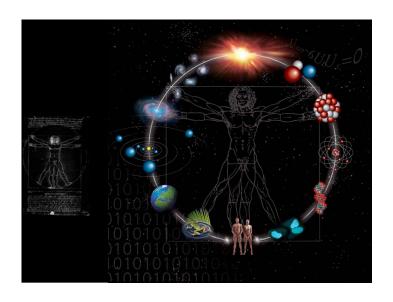


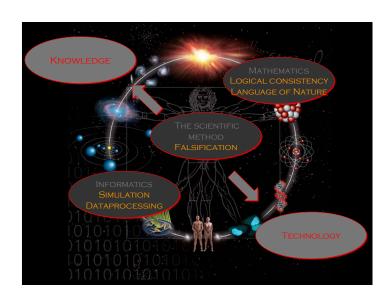


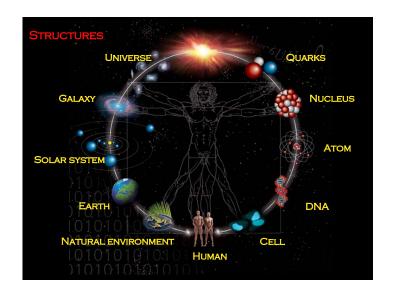


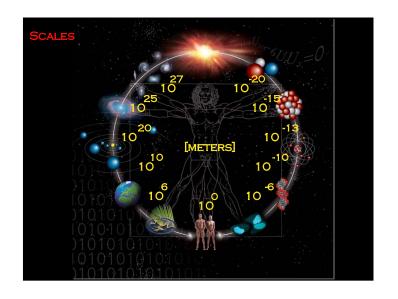


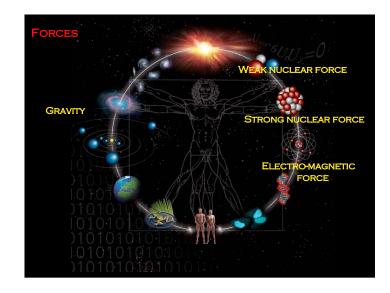


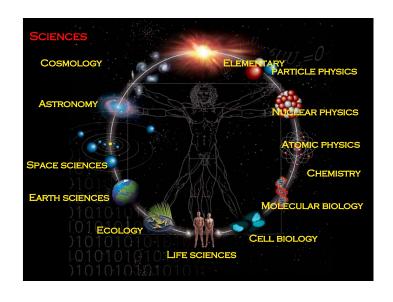


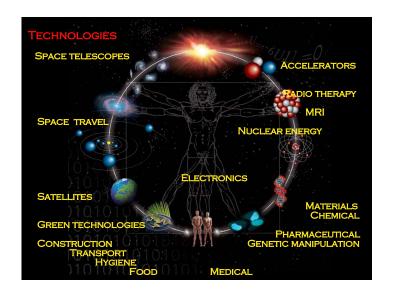


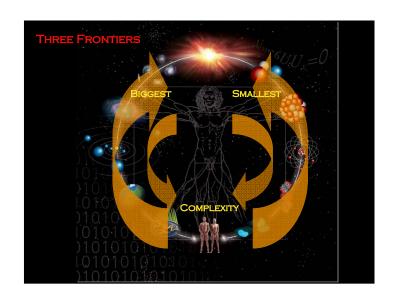


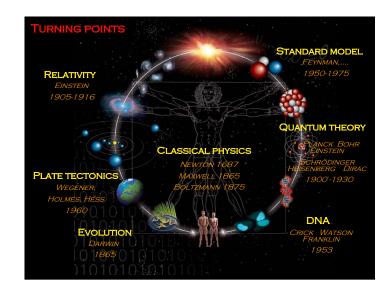


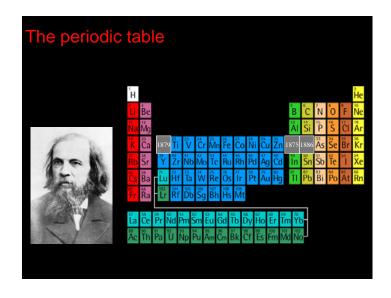


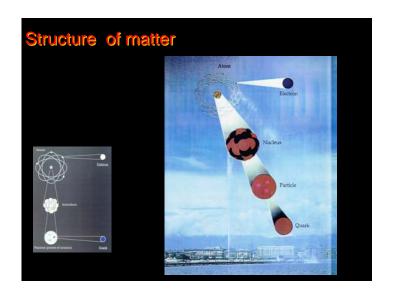


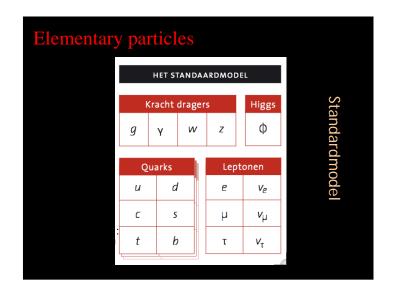


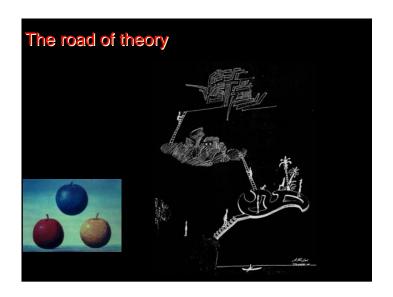


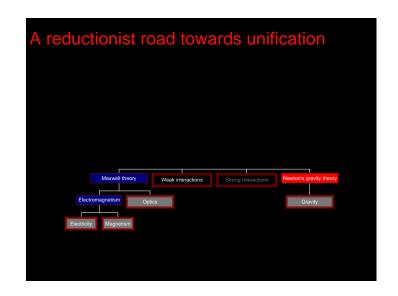


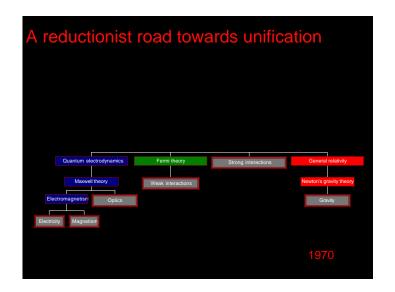


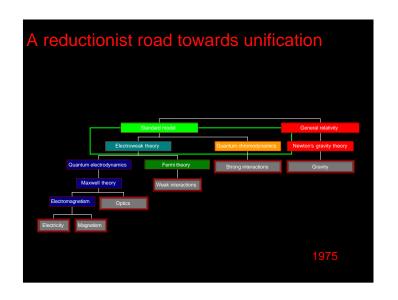


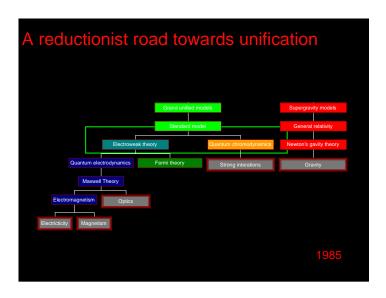


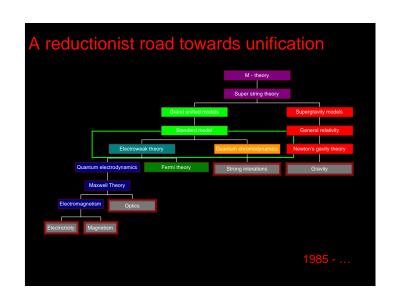


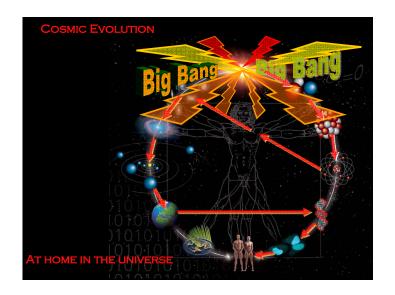


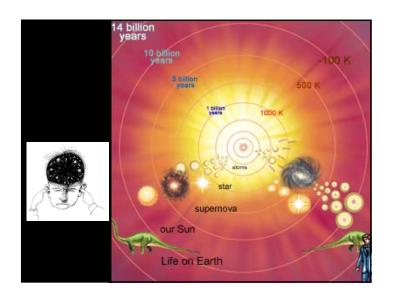


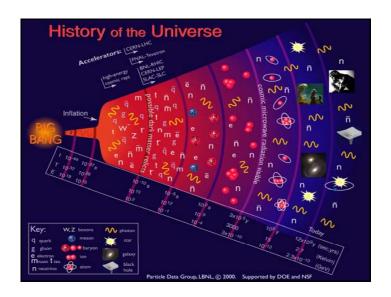


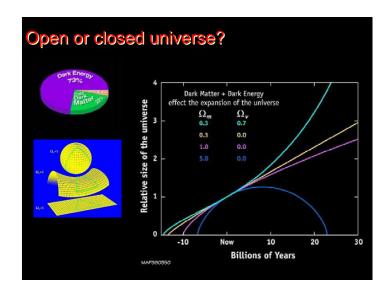


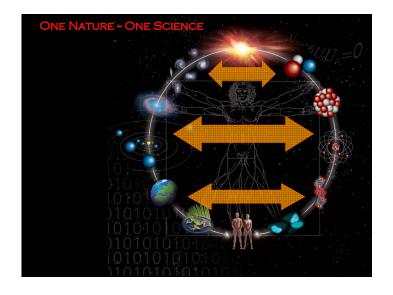


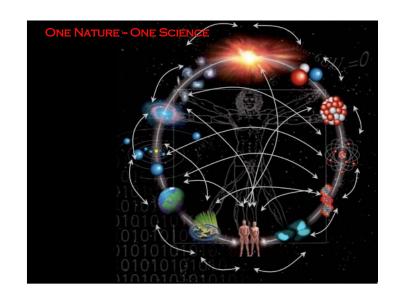


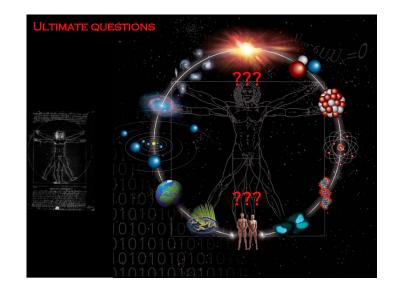










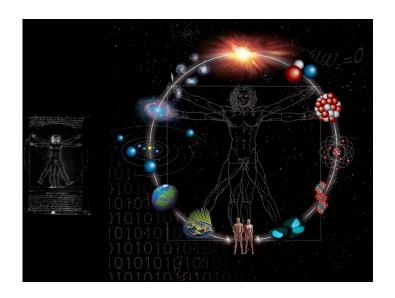


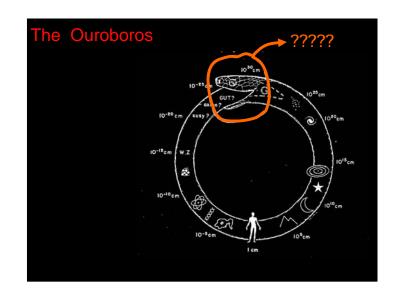
lan Mc Ewan

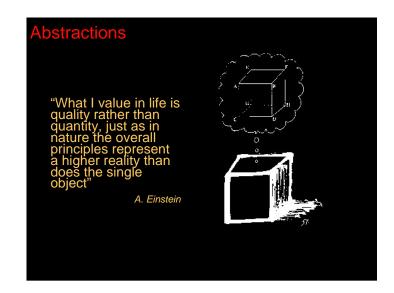
For all recent advances, it's still not known how this well-protected one kilogram or so of cells actually encodes information, how it holds Experiences, memories, dreams and intentions. He doesn't doubt that in years to come the coding mechanism will be known, though it might in his lifetime. Just like the digital codes of replicating life held within DNA, the brains fundamental secret will be laid open one day,

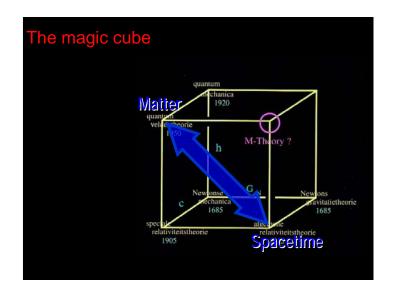
Could it ever be explained how matter becomes conscious? He can't begin to imagine a satisfactory account, but he knows it will come, the secret will be revealed over decades, as long as the scientists and the institutions remain in place, the explanations will refine themselves into an irrefutable truth about consciousness

The journey will be completed. He is certain of it. That's the only faith he has. There's grandeur in this view of life.









Albert Einstein 1918

"The most important task for scientists is to search for the most fundamental laws, from which a picture of the world can be deduced. There is no logical path that leads to these elementary laws, only an intuitive one, based on creativity and experience.

With such a methodological uncertainty one would think that an arbitrary number of equally valid systems would be possible. However, history shows that of all conceivable constructions always a single one did stand out as absolutely superior to all others."

Max Perutz 1994

"Discovering its structure was wonderful. You must imagine the time when proteins were black boxes. Nobody knew what they looked like. There I was , having worked on this vital problem for twenty-two years, trying to find out what this molecule looked like, and eventually how it worked. When the result emerged from the computer one night and we suddenly saw it, it was like reaching the top of a difficult mountain after a hard climb and falling in love at the same time. It was an incredible feeling to see this molecule for the first time and to realize that my work had not been in vain: because during those long years I feared that I was wasting my life on a problem that would never be solved."



Richard Feynman 1981

"You see, one thing is, I can live with doubt and uncertainty and not knowing. I think it's much more interesting to live not knowing than to have answers which might be wrong. I have approximate beliefs and different degrees of certainty about different things, but I'm not absolutely sure of anything and there are many things I don't know anything about, such as whether it means anything to ask why we're here...

I don't know the answer. I don't feel frightened by not knowing things, by being lost in a mysterious universe without any purpose, which is the way it really is as far as I can tell, it doesn't frighten me."