

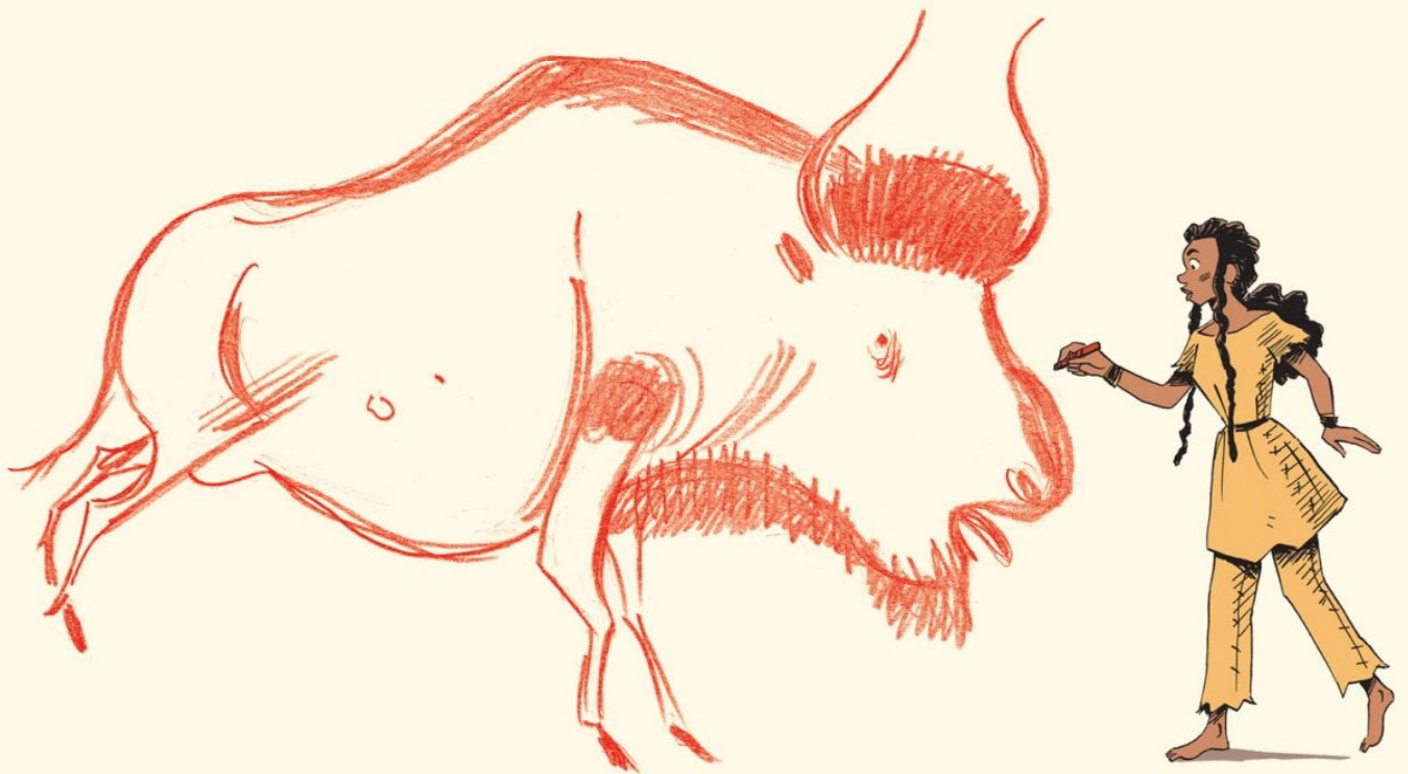
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Sapiens

A Graphic History



The Birth of Humankind

Volume One



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The Birth of
Humankind

VOLUME ONE

HARPER  PERENNIAL

NEW YORK • LONDON • TORONTO • SYDNEY • NEW DELHI • AUCKLAND

TIMELINE OF HISTORY

NUMBER OF YEARS AGO

13.8 BILLION	MATTER AND ENERGY APPEAR. BEGINNING OF PHYSICS. FORMATION OF ATOMS AND MOLECULES. BEGINNING OF CHEMISTRY.
4.5 BILLION	FORMATION OF PLANET EARTH.
3.8 BILLION	EMERGENCE OF ORGANISMS. BEGINNING OF BIOLOGY.
6 MILLION	LAST COMMON GRANDMOTHER OF HUMANS AND CHIMPANZEES.
2.5 MILLION	HUMANS EVOLVE IN AFRICA. FIRST STONE TOOLS.
2 MILLION	HUMANS SPREAD FROM AFRICA TO EURASIA. EVOLUTION OF DIFFERENT HUMAN SPECIES.
500,000	NEANDERTHALS EVOLVE IN EUROPE AND THE MIDDLE EAST.
300,000	DAILY USAGE OF FIRE.
200,000	HOMO SAPIENS EVOLVES IN AFRICA.
70,000	THE COGNITIVE REVOLUTION. EMERGENCE OF STORYTELLING. BEGINNING OF HISTORY. SAPIENS SPREAD OUT OF AFRICA.
50,000	SAPIENS SETTLE AUSTRALIA. EXTINCTION OF AUSTRALIAN MEGAFUNA.
30,000	EXTINCTION OF NEANDERTHALS. HOMO SAPIENS THE ONLY SURVIVING HUMAN SPECIES.



16,000	SAPIENS SETTLE AMERICA. EXTINCTION OF AMERICAN MEGAFUNA.
12,000	THE AGRICULTURAL REVOLUTION. DOMESTICATION OF PLANTS AND ANIMALS.
5,000	FIRST KINGDOMS, SCRIPT AND MONEY. POLYTHEISTIC RELIGIONS.
4,250	FIRST EMPIRE—THE AKKADIAN EMPIRE OF SARGON.
2,500	INVENTION OF COINS—A UNIVERSAL MONEY. THE PERSIAN EMPIRE—A UNIVERSAL POLITICAL ORDER. BUDDHISM IN INDIA—A UNIVERSAL TEACHING.
2,000	HAN EMPIRE IN CHINA. ROMAN EMPIRE IN THE MEDITERRANEAN. CHRISTIANITY.
1,400	ISLAM.
500	THE SCIENTIFIC REVOLUTION. HUMANKIND ADMITS ITS IGNORANCE AND BEGINS TO ACQUIRE UNPRECEDENTED POWER. EUROPEANS BEGIN TO CONQUER AMERICA AND THE OCEANS. THE ENTIRE PLANET BECOMES A SINGLE HISTORICAL ARENA. THE RISE OF CAPITALISM.
200	THE INDUSTRIAL REVOLUTION. FAMILY AND COMMUNITY ARE REPLACED BY STATE AND MARKET. MASSIVE EXTINCTION OF PLANTS AND ANIMALS.
THE PRESENT	HUMANS TRANSCEND THE BOUNDARIES OF PLANET EARTH. NUCLEAR WEAPONS THREATEN THE SURVIVAL OF HUMANKIND. ORGANISMS ARE INCREASINGLY SHAPED BY INTELLIGENT DESIGN RATHER THAN NATURAL SELECTION.
THE FUTURE	INTELLIGENT DESIGN BECOMES THE BASIC PRINCIPLE OF LIFE? FIRST NON-ORGANIC LIFE-FORMS? HUMANS BECOME GODS?

