

THRESHOLD 2
THE STARS LIGHT UP

THRESHOLD 1
THE BIG BANG

13.8 billion years ago

THRESHOLD 3
NEW CHEMICAL ELEMENTS

THRESHOLD 4
EARTH & THE SOLAR SYSTEM

THRESHOLD 5
LIFE ON EARTH

4 billion years ago

1 billion years ago

THRESHOLD 6
COLLECTIVE LEARNING

50,000 years ago

THRESHOLD 7
AGRICULTURE

5000 years ago

THRESHOLD 8
THE MODERN REVOLUTION

1000 years ago

today

The Big Bang

Hydrogen and helium form

The first stars and galaxies

Stars die and create heavier elements

Our Solar System forms

Life appears

Photosynthesis

The first eukaryotes

Multicelled organisms

Cambrian Explosion

First brains develop

Life on land

Hominids appear

Asteroid impact triggers extinction

Dinosaurs and mammals appear

Early humans and collective learning

The Anthropocene

Global connection

Cities and states

Agricultural communities appear