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THRESHOLD

# THE BIG BANG

The Big Bang remains a mystery in many ways. We have a lot of evidence for what happened just after the event but can only guess what existed before it, if anything, and what conditions made it possible. Even so, we know the Big Bang is an important threshold because it created time, space, and the “building blocks” for everything in the known Universe.

13.7 BILLION YEARS AGO

13.6



THRESHOLD

# THE BIG BANG

INGREDIENTS

We can only  
speculate



GOLDBLOCKS CONDITIONS

We can only  
speculate



NEW COMPLEXITY

The Universe

Time and space

Different forms of energy  
(including gravity and  
electromagnetism)

Different forms of matter  
(including quarks and  
electrons)