

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.

INGREDIENTS & GOLDILOCKS CONDITIONS



We'll never know!

## NEW COMPLEXITY

## The Universe

Energy (gravity & electromagnetism)

Matter (electrons & quarks)

## **QUESTIONS**

What can an event billions of years ago tell us about our world today?

What came before the Big Bang?