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## THRESHOLD COLLECTIVE LEARNING

1 MILLION YEARS AGO

5000 YEARS AGO

1000 YEARS AGO

Many creatures can learn. Some can share what they learn. Only humans can share ideas so efficiently that we learn collectively as a species. We are uniquely powerful because we use symbolic language to store and circulate information that would otherwise disappear when individuals die. This enables us to manipulate and react to our environments like no other species on the planet.

### INGREDIENTS & GOLDBLOCKS CONDITIONS

Powerful brains

Precise & versatile  
symbolic language

Interactions between  
individuals &  
between communities



### NEW COMPLEXITY

A new species,  
*Homo sapiens*, that  
uses collective  
learning to:

Connect with each  
other in new ways

Adapt to their  
environment without  
changing genetically

Pass information from  
generation to generation

### QUESTIONS

What makes humans  
different from other  
species?