

#ret

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reqs: like, 15 slides? idk man

start of life

modern life

future life

- hard to define life
  - hard to draw the line
  - we are gonna go broad so we don't need to

starts with the big bang, but we are going to jump pretty far past that

to the early, cooled earth

how did life actually start

couple theories

just gonna go over one

edge of these puddles, stuff like rna

so this rna-like substance would bind, and form it's counterpart, then at low tide it would dissociate

3.8 billion years ago, prokaryotes

3 billion years ago, photosynthesis. evolved independently over fifty times

flash forward to 2.4 billion years ago, cyanobacteria rule the earth and they cause the "great oxidation event"

2 billion years ago, there's the first instance of Eukaryotic cells

530 million years ago, first vertebrate appears

7 million years ago, first "humans" appear

and, here we are today

the next question is the future