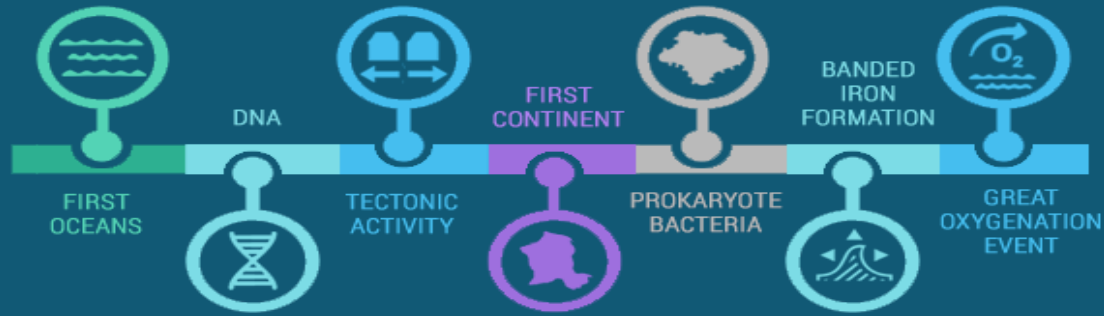


ARCHEAN ERA

4.0 to 2.5 billion years ago



- Earth's original most prominent photosynthesizer was not always green.
- Halobacteria a type of Archaea which is capable of photosynthesis, reflects purple light and is poisoned by oxygen.
- Proto-Cyanobacteria started to produce oxygen, causing The Great Oxygenation Event.
- During the Archean Era the Earth may have been purple.

