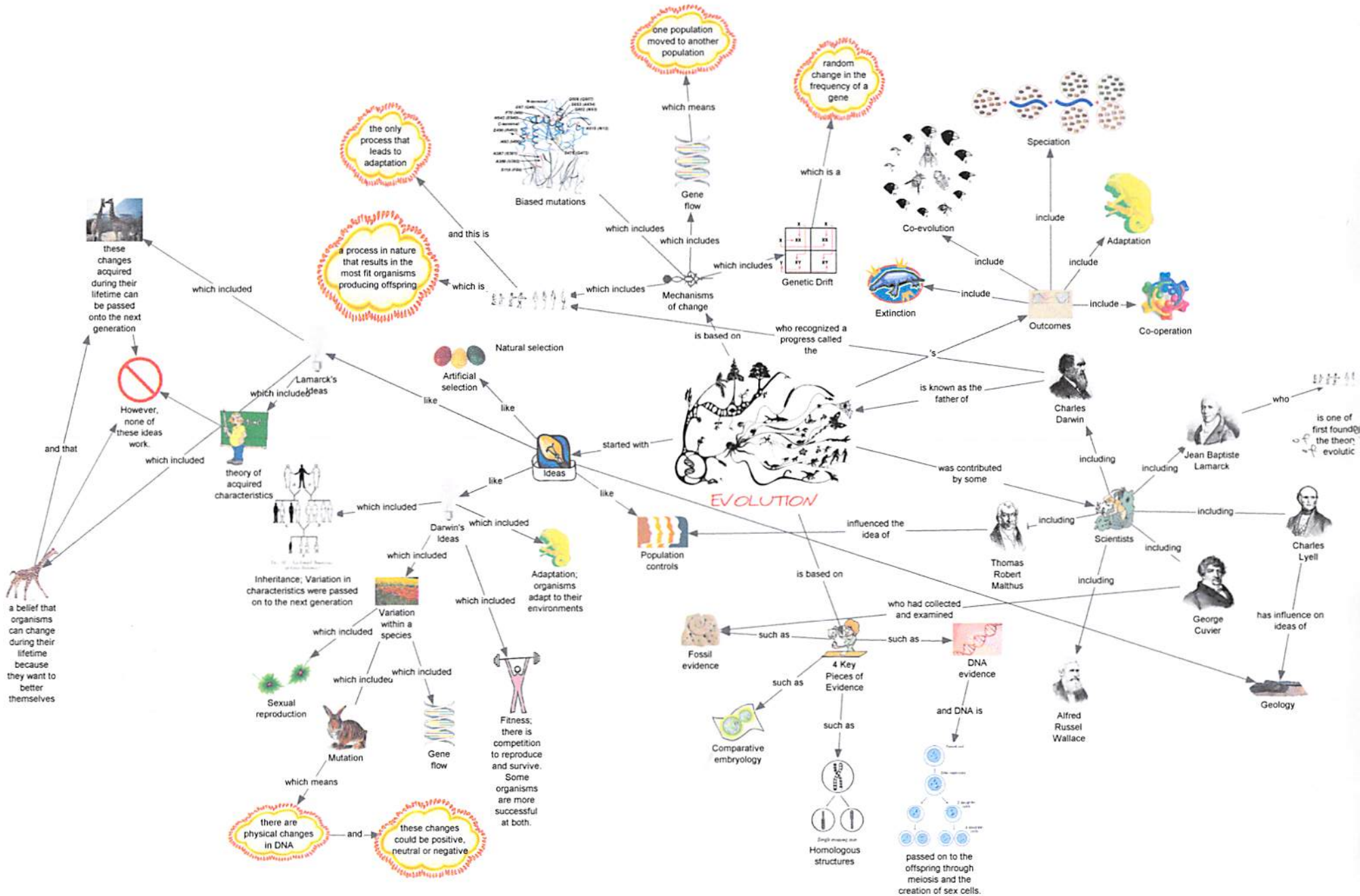
Seojin Kang


EVOLUTION
Ideas
started with
like
Natural selection
Artificial selection
Lamarck's Ideas
which included
theory of acquired characteristics
these changes acquired during their lifetime can be passed onto the next generation
However, none of these ideas work.
and that
a belief that organisms can change during their lifetime because they want to better themselves
Darwin's Ideas
Inheritance; Variation in characteristics were passed on to the next generation
Variation within a species
Sexual reproduction
Mutation
Gene flow
which means
there are physical changes in DNA
and
these changes could be positive, neutral or negative
Adaptation; organisms adapt to their environments
Fitness; there is competition to reproduce and survive. Some organisms are more successful at both.
Population controls
is based on
Mechanisms of change
which includes
Biased mutations
Gene flow
which means
one population moved to another population
Genetic Drift
which is a
random change in the frequency of a gene
and this is
the only process that leads to adaptation
which is
a process in nature that results in the most fit organisms producing offspring
who recognized a progress called the
Outcomes
include
Co-evolution
Speciation
Adaptation
Extinction
Co-operation
's
is known as the father of
Charles Darwin
was contributed by some
Scientists
including
Jean Baptiste Lamarck
who
is one of first found the theory evolutic
Thomas Robert Malthus
influenced the idea of
George Cuvier
Charles Lyell
has influence on ideas of
Geology
Alfred Russel Wallace
who had collected and examined
4 Key Pieces of Evidence
such as
Fossil evidence
DNA evidence
Comparative embryology
Homologous structures
and DNA is
passed on to the offspring through meiosis and the creation of sex cells.