

# Animals including Humans

Summer term 2

Explaining  
Science

Data, Tables  
& Graphs

## Important Scientists



**Granville Stanley Hall (1844-1924)** American who pioneered ideas on human development. He used scientific method to 'discover' adolescence in 1904. He held openly eugenic and antisemitic views.



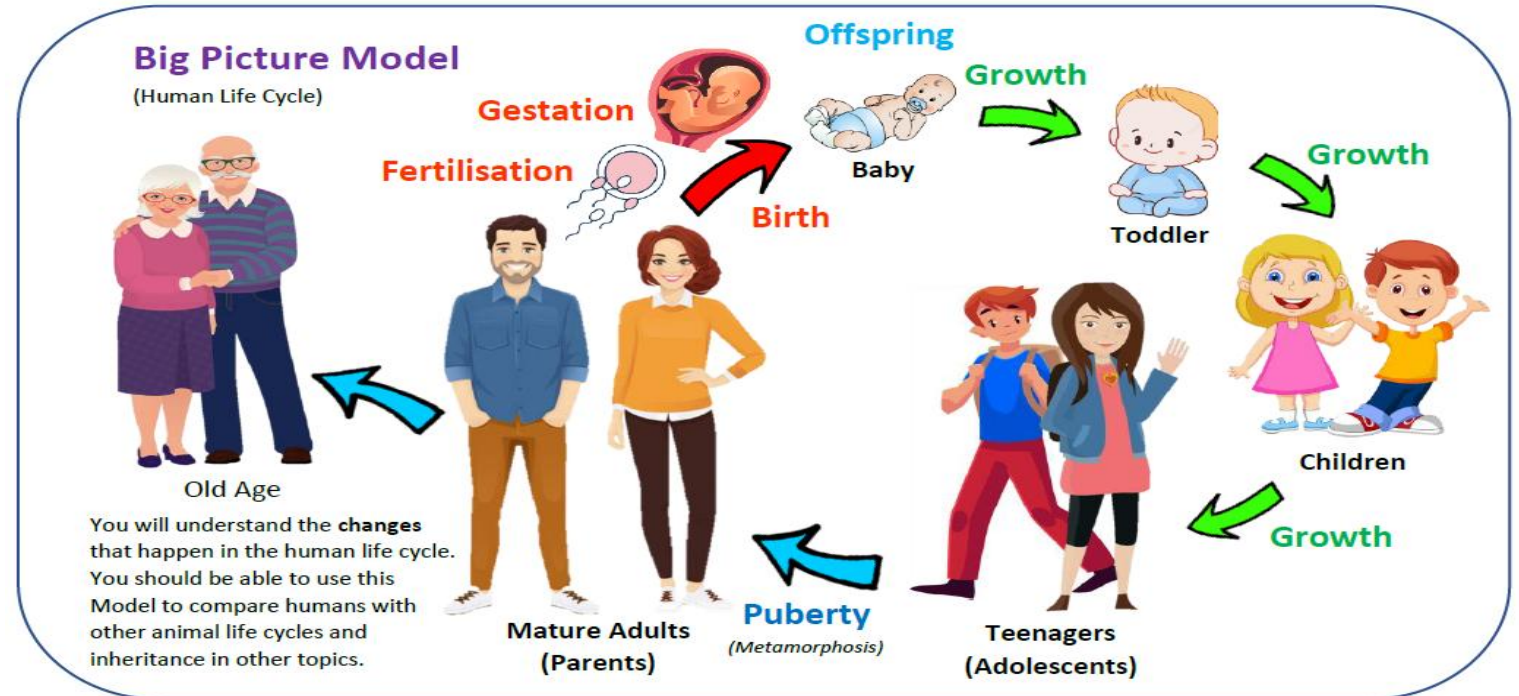
**David Sinclair (1969-)** World's leading scientist on human aging. Discovered the role of our DNA's body clock in causing aging and ways to slow aging down in mice through gene therapy.



**Franz Naegele (1778-1851)** German doctor who first proposed that the gestation period in humans is 40 weeks. He developed Naegele's Rule that works out the expected delivery date that is still used today.

## Key Knowledge

- Order and compare the stages in the human life cycle.
- Understand and describe the changes as humans develop to old age.
- Describe the changes experienced in puberty. Understand why puberty happens.
- Compare gestation time in animals.



## Key Words

Life cycle	adult	reproduction	hormone	penis	metamorphosis
Baby	parent	maturity	egg	vagina	fertilisation
Toddler	geriatric	male	sperm	uterus	gestation
child	growth	female	periods	ovary	mammal
adolescent	puberty	genitals	testicle	intercourse	embryo