

How does a human's structure and function change as they grow?

Alive (structure and function) Y5

Key scientist - Dr Elizabeth Blackburn

Dr. Elizabeth Blackburn studied telomeres, the protective caps on the ends of our chromosomes, and how they affect aging and cell health throughout a person's life

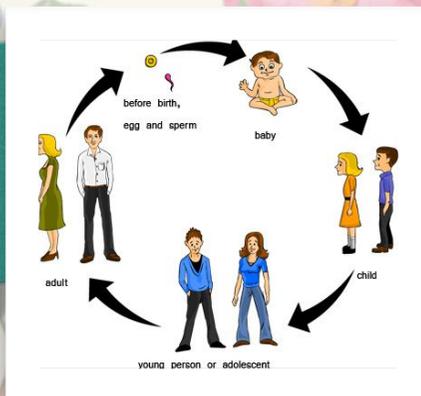
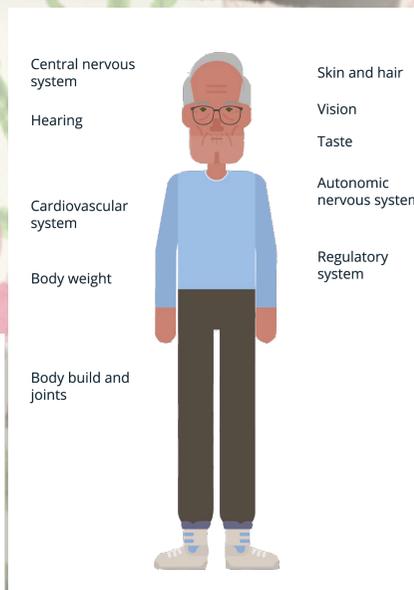


Key vocabulary

adolescent	a mammal's young adult offspring
adult	a person who is fully grown or developed
child	a young human below the age of puberty
dependent	relying on someone else to live
foetus	the term for an unborn offspring still within the female mammal's body
keratin	protein produced by the body to keep hair and nails strong
puberty	the period of life when a human's sexual organs mature
reproducing	producing offspring

Key learning

- Describe the changes as humans develop to old age.
- Know the different life stages of a human and what these look like.



Working scientifically concepts

- Asking and exploring questions
- Scientific enquiry
- Observing and measuring

Alive (Structure and Function) - Our Learning Journey

- Year 1**
 - Animal body parts & types of animals
 - Identifying trees and plants
- Year 2**
 - Observing how plants grow
- Year 4**
 - The digestive system
- Year 5**
 - How humans change while they grow
- Year 6**
 - Circulatory system
 - Classifying plants and animals



Ethics

Should we continue to extend people's life spans?



