

# How do we change as we grow older?

Animals Including Humans Y5

**Key learning**

- Describe the changes as humans develop to old age

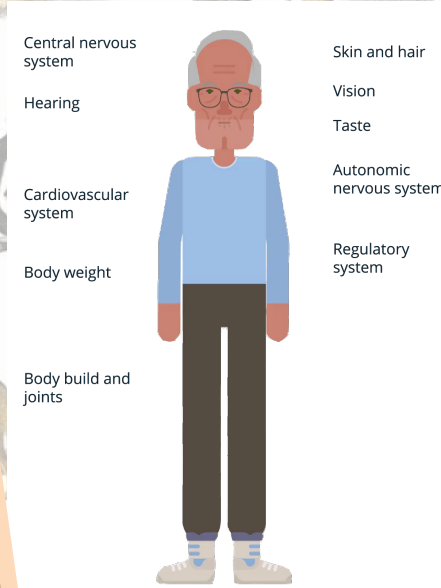
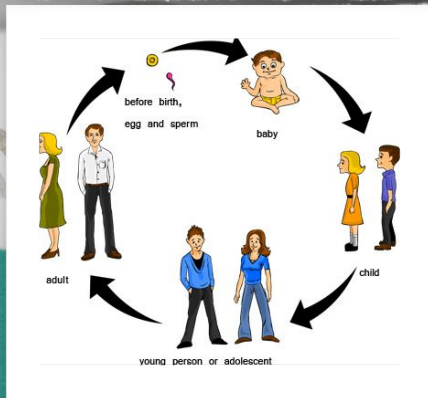
**Working scientifically concepts**

- Asking questions
- Setting up tests
- Observing and measuring

**Scientific enquiry types**

- Identifying & classifying
- Research
- Comparative and fair testing

Elizabeth Blackburn studies how the ends of our chromosomes, the proteins, and how they affect a person's life.



Key vocabulary	
adolescent	a mammal's young adult offspring
cataract	a medical condition in which the lens of the eye becomes progressively opaque, resulting in blurred vision
embryo	a foetus before it is 10 weeks old
foetus	the term for an unborn offspring still within the female mammal's body
gestation	the period of time an animal is pregnant for
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
womb	part of the body where a foetus grows

**Animals Including Humans - Our Learning Journey**

<p><b>Year 1/2</b></p> <ul style="list-style-type: none"> <li>Human body parts</li> <li>Basic needs of humans and animals</li> <li>Sorting animals into different types</li> </ul>	<p><b>Year 3/4</b></p> <ul style="list-style-type: none"> <li>Human skeletons, muscles and teeth</li> <li>Human digestion and nutrition</li> <li>Food chains</li> </ul>	<p><b>Year 5/6</b></p> <ul style="list-style-type: none"> <li>Human development into old age</li> <li>Human circulatory system</li> <li>Transport of water and nutrients</li> </ul>
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**Ethics**

Should we continue to extend people's lifespans?

