



NC OBJECTIVES	KEY KNOWLEDGE AND VOCABULARY
<ul style="list-style-type: none"> • describe the changes as humans develop to old age. <ul style="list-style-type: none"> • Draw a timeline to indicate stages in the growth and development of humans • Learn about the changes experience in puberty <p><u>Working Scientifically</u></p> <ul style="list-style-type: none"> • planning different types of scientific enquiries to answer questions, including recognising and controlling variables where necessary • taking measurements, using a range of scientific equipment, with increasing accuracy and precision, taking repeat readings when appropriate • recording data and results of increasing complexity using scientific diagrams and labels, classification keys, tables, scatter graphs, bar and line graphs • using test results to make predictions to set up further comparative and fair tests • reporting and presenting findings from enquiries, including conclusions, causal relationships and explanations of and degree of trust in results, in oral and written forms such as displays and other presentations • Identifying scientific evidence that has been used to support or refute ideas or arguments. 	<ul style="list-style-type: none"> • Know the stages of growth and development in humans • Know the main stages in the life cycle of humans • Know the order of the main stages of the life cycle of humans • Know factors which may affect the rate of growth in humans • Know the stages in the gestation period of humans • Know that the gestation period of a human is approximately 40 weeks • Know how the gestation period of humans compares to other animals • Children will learn about sexual reproduction, fertilisation and pregnancy for humans. They may then compare the gestation periods of humans with other animals • Know how embryos and fetuses grow and develop in the womb • Know the stages of development during childhood • Know the needs of children at those stages • Know that the needs of children change as they grow older • Know what puberty is • Know the initial changes inside and outside of the body during puberty • Know about the roles of some hormones in the body, and how they affect changes in boys and girls at the start of puberty • Know the changes that occur inside and outside the body during puberty • Know that the changes are different for boys and girls • Know about later changes during puberty and adolescence, including sperm production and menstruation • Know ways to stay fit and healthy during puberty • Know how the body changes during adulthood and old age • Know how older people can stay fit and healthy