

Reproduction (Biology)

Year 7, Autumn Term

<i>You will be taught</i>	<i>You should know</i>
about the physical and emotional changes that take place during adolescence	the principal changes which occur at adolescence
about the human reproductive system, including the menstrual cycle and fertilisation	that the sperm and egg are called gamete cells
	that after fertilisation the complete cell is called a zygote . This divides and divides to produce a large number of cells which eventually become the embryo .
	that sperm cells are tiny, compared to egg cells and that millions of sperm are released at any one time.
	that in an adult female human usually only one egg is released at a time
	that fertilisation is the union of a sperm with an egg, bringing together through the genes some of the characteristics of both parents
	the structure and functions of the male and female human reproductive system and how sperm and egg are brought together
	I know that one egg is released from the ovaries approximately every 28 days and that this is called the menstrual cycle
how the fetus develops in the uterus, including the role of the placenta	how the fetus is protected by a soft spongy uterus and a fluid filled sac
	that the fetus is nourished from the mother's blood through the placenta and umbilical cord in the uterus
	that the wastes produced by the fetus are eliminated through the umbilical cord and placenta, back to the mother's blood

http://www.bbc.co.uk/schools/ks3bitesize/science/biology/reproduction_intro.shtml

http://www.pbs.org/wgbh/nova/miracle/program_adv.html