

Bellerive FCJ Catholic College
KS3 Scheme of Learning 2019 – Sciences – Reproduction reviewed AMB/JL.

KS3 Unit Overview – Big Picture

Subject/Year group/Unit Title	Big picture questions	Pupils will focus particularly on the following statements from the programme of study:
Science Year 7 Reproduction in animals and plants	7 Organisms are organised on a cellular basis. 9 Genetic information is passed down from one generation to the next 14 Applications of science often have ethical, social, economic and political implications.	BSR1: reproduction in humans (as an example of a mammal), including the structure and function of the male and female reproductive systems, menstrual cycle (without details of hormones), gametes, fertilisation, gestation and birth, to include the effect of maternal lifestyle on the foetus through the placenta. BSR2: reproduction in plants, including flower structure, wind and insect pollination, fertilisation, seed and fruit formation and dispersal, including quantitative investigation of some dispersal mechanisms.
Assessment tasks	As FCJ educators, we will focus on the FCJ values by:	We will ensure students skills in reading, writing, communication and mathematics are enhanced by:
End of Unit Test. End of Year Test. Extended writing task – Life in the uterus. Writing to inform task – Health in pregnancy.	Companionship – working and listening to others. Dignity – views of others respected. Excellence – progression from KS2 and towards Secure and Extending levels. Faith – consideration of miracle of life and religious aspects of human reproduction.	Development of pupil skills in spoken language and use of scientific vocabulary correctly and confidence in articulating scientific ideas. Encourage reading of text – individual and aloud. Corrections of spellings acted on by pupils. Presenting and analysing data.
We are supporting progression from KS2 in this unit by:	We are supporting progression to KS4 in this unit by:	Misconceptions and how they will be addressed

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<p>Developing concepts from KS2 such as growth and development. Healthy lifestyles. Data analysis. Endangered animals.</p>	<p>K&U of specialised cells. Awareness of aspects of infertility IVF. K&U of menstrual cycle linked to hormonal control. K&U of processes of nutrient exchange e.g. diffusion. Awareness of the transfer of genetic information from one generation to the next.</p>	<p>Questioning by teacher – class and individual. Marking in terms of WWW and EBI. Review of assessment tasks – self assessment and teacher assessment.</p>
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