



MAGHULL HIGH SCHOOL – CURRICULUM MAP

Unit: Reproduction	1. IVF Technician Career 2. Puberty 3. Male Reproductive Organs 4. Female Reproductive Organs 5. Gametes 6. Fertilisation	7. Seahorses (Reading) 8. Menstrual Cycle 9. Gestation and Birth 10. Maternal Lifestyle 11. Flower Structure 12. Flower Dissection	13. Pollination 14. Fertilisation 15. Seed Dispersal 16. Germination 17. Growing Seeds
LESSON TOPIC QUESTION(S)			
Knowledge & Skills Development	<ul style="list-style-type: none"> Awareness of physical and emotional changes during puberty. Ability to understand the functions of different parts of the male and female reproductive organs Ability to recognise different types of reproduction. Sequence events from fertilisation to birth. Awareness of lifestyle choices and impact on the foetus. How flowers reproduce. 		<ul style="list-style-type: none"> What a fruit and seed are, and the importance of each. Knowledge of different methods of seed dispersal Investigation into seed dispersal
Assessment / Feedback Opportunities	Formative Assessment Teacher questioning Quizzes Mid topic assessment		Summative assessment End of topic assessment
Key Vocabulary	Independent Variable, Dependent Variable, Control Variables, Method, Conclusion, Precaution, Evaluation, Reliable, Precision, Valid, Anomaly, Sperm, Testes, Penis, Sperm Duct, Ovum, Oviduct, Ovary, Uterus, Vagina, Placenta, Umbilical Cord, Amniotic Fluid, Fertilisation, Foetus, Gestation, Ovulation, Menstruation, Puberty, Adolescence, Pollination, Seed, Dispersal, Variation, Inheritance, Chromosome, DNA, Gene, Natural Selection, Evolution, Extinction		
Literacy/Reading Opportunities	Dedicated reading lesson Subject specific vocabulary introduced before reading of related texts Word etymology from Latin and Greek roots Reading of simple and complex sentences, paragraphs, articles Scientific writing including structuring methods, comparisons and evaluations		
Cross Curricular Themes	Numeracy/Maths – averages (means), reading scales, graph plotting, lines of best fit, using and rearranging equations, using scientific calculators, significant figures		

Personal Development (Including British Values, RSE, Citizenship)	RSE Curriculum – The facts around pregnancy (17) The facts about reproductive health, including fertility and the potential impact of lifestyle on fertility for men and women (13)
Career Opportunities	Dedicated careers lesson at start of topic Nursing, Midwifery, Conservation Worker, Research Scientist