



Scheme of Learning	Y7 Science: Reproduction
Learning Objectives	<ol style="list-style-type: none"> 1. Describe the organs that make up reproductive systems. 2. Describe the difference between puberty and adolescence. 3. Describe the changes that occur during puberty. 4. Describe the sequence of events that occurs during fertilisation. 5. Describe the adaptations of a sperm cell and egg cell. 6. Describe the cycle of events known as the menstrual cycle. 7. Outline methods of controlling fertility. 8. Explain ways that infertile couples can have babies. 9. Know the main stages in pregnancy. 10. Describe the role of the placenta and umbilical cord. 11. Know what tests and screening are offered to pregnant people why these are important to health of the pregnant parent and baby. 12. Outline the stages in giving birth 13. Explore infant feeding
Key Question	What is reproduction?
Knowledge	Reproductive organs, sex cells, sexual maturation, fertilisation, controlling fertility. Knowledge of the fundamental concepts of producing new life.
Ongoing Assessment	<p>Retrieval questions at the start of every lesson.</p> <p>Worksheets for all major concepts to be used for self and peer assessment.</p> <p>Revision checklist at beginning of handout pack and retrieval questions at the end.</p>
Key Assessment	<p>Assessment of sperm and egg worksheet.</p> <p>End of topic test, 30 marks in 35 minutes. Including a mixture of MCQ, short answer and long answer questions.</p>
Clear sequencing of content	The topic of reproduction in KS3 is a basic fundamental biology concept. It is key to the subject and understanding of life.

NHSG Key Stage 3 Unit Overview for Y7 Science: Reproduction



	These key concepts are also revisited at KS4 and therefore learning the concepts now gives students prior exposure to aid the transition to KS4 where they learn about hormones, puberty, contraception, the menstrual cycle and reproductive cloning (at KS5).
Links to careers	Health professionals e.g. treating people with fertility disorders, contraception discussions.
Diversity and Inclusion	Include examples of different family structures. Encourage respectful dialogue and emphasize that beliefs and experiences vary.
Additional Support	Learning checklist and key terminology are highlighted throughout. Online textbook via Kerboodle includes working scientifically, glossary and literacy support. Adaptive teaching in the classroom supports all learners.
Challenge	Stretch challenge question on end of topic test. Stretch and challenge question sheet.