



Knowledge Summary

Year 7 Term 4 2023/24

Science Biology Module Reproduction



Essential Questions/Knowledge

- What are the main structures of the male and female reproductive system?
- What is function of the main structures of the male and female reproductive system?
- What is meant by a person being infertile?
- What is meant by fertilisation?
- What is 'gestation'?
- How long does a pregnancy last?
- What is the length of the menstrual cycle?
- What the main stages in the menstrual cycle?

How students will be assessed on their knowledge

- Daily retrieval
- In-class tasks
- Extended writing questions
- End of unit assessments

Questions/Knowledge to deepen understanding

- How do the different parts of the male and female reproductive systems work together to achieve certain functions?
- Explain the adaptations of some of the main structures that help them function.
- What are the causes of infertility and how these may be treated?
- Explain the sequence of fertilisation and implantation.
- Predict the effect of cigarettes, alcohol, or drugs on the developing fetus.
- Why is pregnancy more or less likely at certain stages of the menstrual cycle?
- Make deductions about how contraception methods work.

Key Concepts

- Adolescence
- Reproductive Systems
- Fertilisation and Implantation
- The Development of a Fetus
- The Menstrual Cycle

Tier 2 and 3 vocabulary linked to the unit

- Adolescence
- Puberty
- Reproductive System
- Ejaculation
- Fertilisation
- Implantation
- Intercourse
- Gamete Production
- Cell Production
- Menstrual Cycle