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| **What will we be learning?**  Genes - Human Reproduction | **Why this? Why now?**  Previous Learning  Life cycles and reproduction in animals  Future Learning  Inheritance  Evolution  GCSE – Inheritance, Variation and Evolution  A Level – Patterns of inheritance, Cloning and Biotechnology, Classification and Evolution, Cellular Control  Enquiry Processes  Draw conclusions, Justify opinions | **Key Words:**  gametes  sperm  egg  fertilisation  puberty  menstrual cycle  ovulation  foetus  embryo  pregnancy  placenta  umbilical cord  uterus  IVF |
| **What will we learn?**   * Parts of the male and female reproductive systems and their functions * How the human body changes during puberty * What is happening during the menstrual cycle and why it is important * What is fertilisation? * How a foetus is protected and grows during pregnancy * The stages of birth * Factors that affect the health of the foetus and mother during pregnancy * Common causes of infertility and how IVF can be used to treat them   **Misconceptions in this topic**   * When a foetus grows cells become larger – no, growth occurs as cells divide, differentiate and specialise | |
| **What opportunities are there for wider study?**  Careers  Nurse Midwife Health visitor Doctor  STE(A)M  <https://highcliffe.sharepoint.com/sites/LearnSTEM> | |
| **How will I be assessed?**  End of Topic Assessment | |