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| **What will we be learning?**Genes - Human Reproduction  | **Why this? Why now?** Previous Learning Life cycles and reproduction in animalsFuture Learning InheritanceEvolutionGCSE – Inheritance, Variation and EvolutionA Level – Patterns of inheritance, Cloning and Biotechnology, Classification and Evolution, Cellular ControlEnquiry ProcessesDraw conclusions, Justify opinions | **Key Words:**gametesspermeggfertilisationpubertymenstrual cycleovulationfoetusembryopregnancyplacentaumbilical corduterusIVF |
| **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
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| **What opportunities are there for wider study?**CareersNurse Midwife Health visitor DoctorSTE(A)M <https://highcliffe.sharepoint.com/sites/LearnSTEM> |
| **How will I be assessed?**End of Topic Assessment  |