2

|  |
| --- |
| **Science Year 5 Medium Term Planning – ADVENT 2: Animals including humans** |
| **National Curriculum**• Pupils should draw a timeline to indicate stages in the growth and development of humans • They should learn about the changes experienced in puberty • Pupils could work scientifically by researching the gestation periods of other animals and comparing them with humans; by finding out and recording the length and mass of a baby as it grows |
| **Prior vocabulary knowledge****chronology, chronological multiply** |
|  |
|  | Lesson 1 | Lesson 2 | Lesson 3 |
| **Learning intention** | **What is the human timeline?** | **How do we change into adults?** | **How does human and animal gestation and lifespan compare?****ENRICHMENT** |
| **Working Scientifically** |  |  |  |
| **Recall and retrieval** | CQ: 1-5 | CQ: 6-9 | CQ:10-14 |
| **Sequence of knowledge throughout the lesson** | **To know the names and ages for the stages of human life from conception to old age/death.****To know the scientific names for womb, foetus and embryo** | To know the origins and meaning of the word adolescence.To know what puberty is, when it occurs in a human’s life and how and when girls and boys change during puberty. | To know the gestation period of humans and different animals.To know that life expectancy is the estimated time something is expected to live and the different life expectancy of various animals. |
| **Scaffolding** | Ordering stages and ages. | Ordering timeline of puberty for boys and girls. | Simple recording about 3 different animals, one of which must be a human.To use the gestation of human and butterfly to answer if all animals have the same gestation pattern. |
| **Challenge** | Write an explanation of the development of an embryo to child using scientific vocabulary, | Write an explanation of changes.and why boys and girls need to go through these changes. | To use scientific knowledge to discuss if all gestation patterns are the same with reasons and examples. |
| **Vocabulary****Tier 2** | DevelopmetnDiverseUniqueGenerationMatureEquipped | DevelopmetnDiverseUniqueGenerationMatureEquipped | DevelopmetnDiverseUniqueGenerationMatureEquipped |
| **Vocabulary** **Tier 3** | AdolescencePubertyGestationEmbryoFoetusWomb | AdolescencePubertyGestationEmbryoFoetusWomb | AdolescencePubertyGestationEmbryoFoetusWomb |