**St Mary’s C of E Primary School, Writhlington**

‘Be the best you can Be’

**Scheme of Work + Knowlegde Organiser**

Science – Animals including humans

**The Learning Journey:**

LQ: Can I describe the stages of human development?

* Children will create a timeline of changes to humans at each major stage of life.

LQ: Can I explain how babies grow and develop, presenting the data in a graph?

* Children will be measuring children at different stages and presenting the data in a line graph

LQ: Can I identify the changes that occur with old age?

* Children will explore and group the changes that occur with old age.

LQ: can I report findings from enquiries?

* Children will compare and predict the different gestation periods of different vertebrates. This will be linked the gestation time of the chicks grown in class.

LQ: Can I record complex data using graphs and models?

* Children will be building upon their knowledge from last lesson and apply it to life expectancy data of different animals.

LQ: Can I explain how the body changes during puberty?

* This lesson will be taught alongside SRE in the beginning of term 6.

**Picture or illustration:**

 

**National Curriculum:**

* describe the changes as humans develop to old age

**Wider Curriculum** (Cooking, trips, outdoor):

As a class we will incubate chicks.

**Key Vocabulary:**

Fertilisation: the process of the male and female sex cells fusing together

Prenatal: the stage of development from the time of fertilization to the time of birth.

Gestation: the process or time when prenatal development takes place before birth

Reproduce: to produce young

Adolescence: the social and emotional stage of development between childhood and adulthood

Puberty: the physical stage of development between childhood and adulthood

Menstruation: when the female body discharges the lining of the uterus. This happens approximately once a month

Adulthood: the stage of development when a human is fully grown and mature.

Life expectancy: the length of time, on average that a particular animal is expected to live.