

# YEAR FIVE SCIENCE - ANIMALS INCLUDING HUMANS

This term in Year Five, pupils will be learning about Animals including Humans. This newsletter will provide you with information about this unit of work. Please use the information provided to talk to your child about their learning, and as an opportunity to extend their learning at home.

Thank you. Miss Taylor - Science Lead.

## BIG QUESTIONS...

*This is what we will be learning and finding out about:*

- How long are the gestation periods of different animals?
  - How can we find out whether there is a relationship between the mass of an adult animal and the length of the gestation period?
  - How does the weight of a baby change?
- How does the length of a baby change over time?
- What is the height of children of different ages?
- What happens to the human body during puberty?
- What happens to adults as they become older?

## VOCABULARY LIST

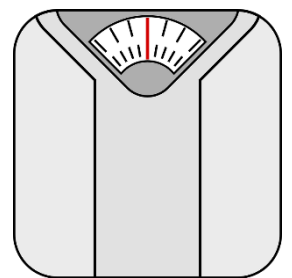
*These are words that we will be learning and using in our lessons:*

Gestation, Fetus,  
Fertilisation, Species  
Baby, Toddler, Adolescent,  
Adult, Elderly person  
Puberty, Hormones,  
Pituitary gland,  
Testosterone, Estrogen

## HOME LEARNING IDEAS

*Have a go at the following tasks at home:*

- Compare pictures/photographs of themselves or a family member as babies and at the present time, identifying similarities and differences.
- Keep a record of your height or weight over a period of time. Can you recognise any changes?



## KEY SCIENTISTS

*Can you find out any information about this scientist?*

**Professor Robert Winston (1940 - ) – contemporary scientist**

### PRACTICAL AND ENQUIRY BASED LEARNING

Our Science curriculum at Brockmoor ensures that pupils carry out several investigations which involve different types of enquiry. In Year Five, pupils will develop a deeper understanding of the different types of enquiry including:

- Comparative/Fair Testing
  - Research
  - Observation over time
  - Pattern Seeking
- Identifying, Grouping and Classifying
  - Problem Solving

### SCIENTIST AWARDS

Our Year 5 Scientists for our 'Materials' unit are:

**5B - Ben W**

**5G - Ebony**

Congratulations!



### HOW WILL SKILLS BE DEVELOPED DURING THIS UNIT?

- Raising different types of questions, e.g. about the changes as humans grow and develop.
  - Recording using diagrams, labels, tables, scatter graphs, statements.
- Secondary sources - researching the gestation periods of other animals and comparing them with humans.
- Pattern seeking investigations – e.g. to find out whether there is a relationship between the mass of an adult animal and the length of the gestation period.
  - Planning an enquiry that will answer a scientific question.
  - Carrying out surveys – e.g. what is the height of children at different ages?
  - Analysing data, looking at charts – e.g. how does the weight of a baby change?

### NATIONAL CURRICULUM LINKS:

- Describe the changes as humans develop from birth to old age.