

## Curriculum Leaflet Year 3/4 Pegasus Class Autumn 2016

### **As Historians we are learning to:**

- ✓ Use research skills to find out about Prehistoric humans
- ✓ Understand how archaeologists find evidence of life during the Stone Age
- ✓ Compare life during the Stone Age with life in the Iron Age and life today.

### **As Geographers we are learning:**

- ✓ Why people settle in certain areas
- ✓ To decide where we would like to settle and justify our choices
- ✓ To look at the local area and understand why people settled here.

### **As Artists we are learning to:**

- ✓ Use the autumn colours to inspire our artwork
- ✓ create art using a range of mediums such as pencil.
- ✓ Appraise the artwork of others and explain why we like or dislike the art.

### **As Designers we are learning to:**

- ✓ Design and create juggling balls
- ✓ Analyse similar products to improve our own designs
- ✓ Use skills such as sewing to create our own juggling balls

### **As Scientists we are learning:**

- ✓ how humans and animals use sound
- ✓ to develop our scientific skills and create experiments.
- ✓ To identify how sounds are made, associating some of them with something vibrating
- ✓ To recognise that vibrations from sounds travel through a medium to the ear
- ✓ To find patterns between the pitch of a sound and features of the object that produced it
- ✓ To find patterns between the volume of a sound and the strength of vibrations that produced it
- ✓ To recognise that sounds get fainter as the distance from the sound source increases.

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### As Readers we are learning to:

- ✓ **Read a range of different text types, both independently and at home.**
- ✓ **Use dictionaries to find the meaning of words**
- ✓ **Continue to develop our comprehension and reading skills.**
- ✓ **Read and discuss books as part of a group.**
- ✓ **Magpie ideas from the books we read to improve our writing.**

### As Writers we are learning to:

- ✓ **Gather ideas and vocabulary from our own reading**
- ✓ **Recognise the features of instruction writing and write our own instructions**
- ✓ **Use our experiences to write entertaining stories.**
- ✓ **Learn different texts aloud in order to improve our own writing**
- ✓ **Edit and improve our writing by discussing ideas with others**
- ✓ **Use fronted adverbials and time conjunctions at the beginning of sentences**
- ✓ **Use paragraphs to structure our writing**
- ✓ **Read poems and plays aloud for others**
- ✓ **Use our writing skills in other areas of our learning.**

### As Mathematicians we are focusing on:

- **Place value:**
  - ✓ Read and write numbers up to 1000 in numerals and in words.
  - ✓ representations.
  - ✓ Find 10, 100 and 1000 more or less than a given number.
  - ✓ Recognise the place value of each digit in a 3 digit and 4 digit numbers.
  - ✓ Order and compare numbers beyond 1000.
  - ✓ Count in multiples of 6, 7, 9, 25 100 and 1000
  - ✓ Solve number problems and practical problems
- **Addition and Subtraction:**
  - ✓ Add and subtract numbers mentally
  - ✓ Add and subtract numbers with up to 4 digits using the formal written methods
  - ✓ Estimate and use inverse operations to check answers to a calculation.
- **Multiplication and Division:**
  - ✓ write and calculate mathematical statements for multiplication and division using the multiplication tables
  - ✓ solve problems, including missing number problems, involving multiplication and division.
  - ✓ recall multiplication and division facts for multiplication tables up to  $12 \times 12$
  - ✓ multiply two-digit and three-digit numbers by a one-digit number using formal written layout
  - ✓ solve problems involving multiplying and adding.

**We are also working on our mathematical skills such as fluency, reasoning and problem solving using a range of different resources.**