

### Maths

**Numbers and place value** to at least 1,000,000  
**Addition and subtraction** (numbers with more than four -digits), use of formal written methods, use of rounding to check accuracy  
**Multiplication and division** (multiplication tables to 12x12), multiples and factors, prime numbers, prime factors and composite numbers, multiply numbers up to four digits with one or two digit numbers, divide four digit numbers by one digit, multiply and divide whole numbers and decimals by 10, 100 and 1000, square and cube numbers,  
**Fractions** compare and order, equivalent fractions, mixed numbers and improper fractions, add, subtract and multiply, decimal numbers as fractions, use of tenths, hundredths and thousandths, rounding decimals, compare numbers with up to 3 decimal places, percentage and decimal equivalents  
**Shape** (2D and 3D), measure and draw angles and lines, regular and irregular polygons  
**Position and direction** reflection and translation, co-ordinates in the first quadrant  
**Measures** (length, mass, capacity, money and time) convert between different units of measure, perimeter and area, volume  
**Problem solving** through investigations and use of data (pictograms, bar charts, line graphs, tables and timetables)

### Geography and History

Name and locate the world continents, oceans, seas, capital cities  
Explore maps and plan routes - knowing the physical and human features shown  
Learning about the history of human science - dentistry and x-rays  
Ancient Greece - timeline significant events, life in Greece and Greek mythology

### Computing

Operating devices (switching them safely on and off)  
Controlling the mouse/cursor  
Developing knowledge of the keyboard (BBC Dance Mat Typing)  
Internet safety  
Accessing websites and files then saving work  
Word processing (MS Word, PowerPoint and Publisher)  
Coding with Scratch

**School website:** [www.dorringtonschool.co.uk](http://www.dorringtonschool.co.uk)  
**Twitter:** @stedwardsceps  
**Email:** [admin@stedwardsprimaryschool.co.uk](mailto:admin@stedwardsprimaryschool.co.uk)

### What is needed in school?

- \* PE kits every Monday to Friday
- \* Reading Records and books every day
- \* Named water bottles every day
- \* Completed homework every Monday
- \* Forest School kits every Thursday

# Funny Bones/ Ancient Greece

Autumn Term 2018

Year 5



### Science

**Humans:** Naming body parts on the outside and inside of the human body. Investigating teeth and bones alongside muscles and how we move. Learning about the importance of hygiene, balanced diets and being fit.

### RE

Daily collective worship  
Creation and the Fall: We will be looking at creation and science and discussing the question 'Are they conflicting or complimentary?'

### Music

Learning songs as a class and with the whole school.  
Listening and responding to Edvard Grieg's 'Hall of the Mountain King'  
Playing tuned and untuned instruments musically.  
Composing and performing as small groups.  
Tempo (speed), dynamics (soft/loud) and pitch (low/high).

### Literacy

A range of poetry, fiction and non-fiction texts will be shared this term during whole class teaching and group reading session. Texts will include *The Suitcase Kid* and a selection of Greek Myths

### Writing

A range of genres including stories, instructions, poetry, play scripts, letters, reports (diaries, fact files, information pages) and explanations. Using a consistent cursive handwriting script.

### Grammar, Punctuation and Spelling

Daily *Babcock No Nonsense Spelling* lessons.  
Using punctuation correctly (capital letters, finger spaces and , . ? ! ' " " )  
Using sentences with different forms: statement, question, command, exclamation  
Using conjunctions (e.g. and, but, so, because)  
Varying sentence openers  
Relative clauses  
Using adverbs and modal verbs to indicate a degree of possibility  
Building cohesion within a paragraph  
Linking ideas across paragraphs using adverbials  
Brackets, dashes and commas to indicate parenthesis  
Understanding and using the following: noun, noun phrase, adjective, verb, adverb, singular, plural, tense (past, present, present perfect), apostrophe, comma, preposition, conjunction, compound, prefix, suffix clause, subordinate clause, direct speech, consonant, vowel, inverted commas (speech marks), modal verb, relative pronoun, relative clause, parenthesis, bracket, dash, cohesion

### PE

Weekly sessions with Sports Coach and 'Active 8' minutes of regular exercise.

### DT, Art and Design

Through learning about how human moves, creating models of body parts using construction materials. Sketching the human body and exploring art within Ancient Greece.