Art- As artists we will…
- Use sketchbooks to show development/sections of drawings.
- Use different tones to show light, dark shadow using graded pencils.
- improve their mastery of art and design techniques including drawing, painting and sculpture with a range of materials (for example, pencil, charcoal, paint, clay)
- Select own images and starting points for work
- Introduce fabric block printing
- Create tie dye pieces combining two colours
- Investigate ways of changing fabrics - sewing,   ironing, cutting, tearing, creasing, knotting etc.

Music: As musicians we will…

- use our voices expressively and creatively by singing songs and speaking chants and rhymes
- play tuned and untuned instruments musically
- play and perform in solo and ensemble contexts, using our voices and playing musical instruments with increasing accuracy, fluency, control and expression
- use and understand staff and other musical notation
- Play instruments with control and rhythmic accuracy. Perform a round confidently using voices and instruments. Be aware of other parts when playing an independent part
- Play simple chords in sequence
- Demonstrate awareness of own contribution -   leading others, taking a solo part and/or providing rhythmic support/accompaniment

French- As linguists we will…

- listen attentively to spoken language and show understanding by joining in and responding
- explore the patterns and sounds of language through songs and rhymes and link the spelling, sound and meaning of words
- engage in conversations
- appreciate stories, songs, poems and rhymes in the language
- broaden their vocabulary and develop their ability to understand new words that are introduced into familiar written material, including through using a dictionary
- speak in sentences, using familiar vocabulary, phrases and basic language structures

P.E- As young active people we will …

- use running, jumping, throwing and catching in isolation and in combination
- play competitive games, modified where appropriate [netball,], and apply basic principles suitable for attacking and defending
- develop flexibility, strength, technique, control and balance through gymnastics

Running Wild

Autumn Term 2016

Mrs Hoggarth

Year 4/Year 5
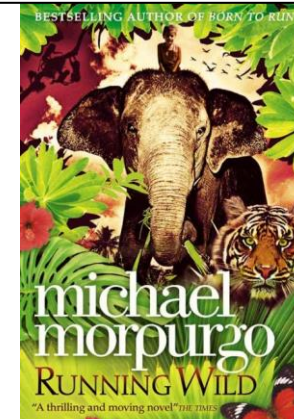
Computing - As ICT practitioners, we will be practising and applying the following skills,

In Computer Science we will learn:
- To design, write and debug programs that accomplish specific goals; including controlling or simulating physical systems and solving problems by decomposing them into smaller parts. Use sequence, selection and repetition in programs; .work with variables and various forms of input and output. Use logical reasoning to explain how some simple algorithms work and to detect and correct errors in algorithms and programs

In Digital Literacy we will learn: (ongoing throughout year)

- How to use technology safely, respectfully and responsibly
- The importance of identifying and reporting concerns about contact and content
- To explore online and offline communities as a way to be a good digital citizen
- To understand the opportunities computer networks offer for communication

In Information Technology we will learn:
- How to select, use and combine a variety of software (including internet services) on a range of digital devices to design and create a range of programs, systems and content that accomplish given goals, including collecting, analysing, evaluating and presenting data and information.

Science – As scientists we will explore…
Living things and their habitats

- recognise that environments can change and that this can sometimes pose dangers to living things
- describe the differences in the life cycles of a mammal, an amphibian, an insect and a bird
- describe the life process of reproduction in some plants and animals

Properties and changes of Materials
- compare and group together everyday materials on the basis of their properties, including their hardness, solubility, transparency, conductivity (electrical and thermal), and response to magnets
- know that some materials will dissolve in liquid to form a solution, and describe how to recover a substance from a solution
- use knowledge of solids, liquids and gases to decide how mixtures might be separated, including through filtering, sieving and evaporating
- give reasons, based on evidence from comparative and fair tests, for the particular uses of everyday materials, including metals, wood and plastic
- demonstrate that dissolving, mixing and changes of state are reversible changes
- explain that some changes result in the formation of new materials, and that this kind of change is not usually reversible, including changes associated with burning and the action of acid on bicarbonate of soda

Working Scientifically

We will be working scientifically throughout Autumn term, which will include:

- asking relevant questions and using different types of scientific enquiries to answer them

- setting up simple practical enquiries, comparative and fair tests

- making systematic and careful observations and, where appropriate, taking accurate measurements using standard units, using a range of equipment, including thermometers and data loggers

- gathering, recording, classifying and presenting data in a variety of ways to help in answering questions

- recording findings using simple scientific language, drawings, labelled diagrams, keys, bar charts, and tables

- reporting on findings from enquiries, including oral and written explanations, displays or presentations of results and conclusions

- using results to draw simple conclusions, make predictions for new values, suggest improvements and raise further questions

Geography- As geographers, we will be …

- use maps, atlases, globes and digital/computer mapping to locate countries and describe features studied

- Follow a route on a map with some accuracy

- understand geographical similarities and differences through the study of human and physical geography of a region of the United Kingdom, a region in a European country
- Compare maps with aerial photographs

- Select a map for a specific purpose. Begin to use atlases to find out other information (e.g. temperature)Find and recognise places on maps of different scales

- Locate the world's countries, focus on Indonesia.

- Identify the position and significance of lines of longitude & latitude

Running Wild

Autumn Term 2016

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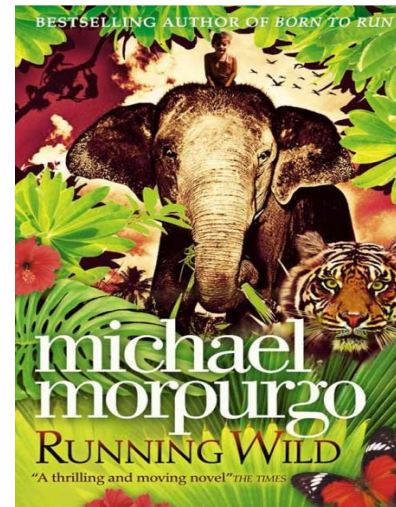
Design and technology- As design technologists we will be…

- Gathering information about the needs and wants of particular individuals.

- Develop our own design criteria and use these to inform our ideas.

- Share/discuss ideas, modelling them using prototypes.

- Use annotated sketches and computer aided design where appropriate.

- Order the main stages of making.

- Evaluate our product by identifying the strengths and weaknesses of our ideas, consider the views of others, including intended users to improve our work.