

Autumn Curriculum Map for Year 4 2018

Knowledge and Understanding of the World

Geography - India (1st half of term)

- Can I investigate a place outside of the UK?
- Can I ask and respond to geographical questions?
- Can I use and interpret globes, atlases and maps at an appropriate level?
- Can I identify similarities and differences between places?
- Can I identify physical and human features of a place?
- Can I explain how places are connected, including economic activity?
- Can I use primary and secondary sources?

Science -Magnets Springs and Friction (2nd half of term)

- Do I recognise that a force acts in a particular direction?
- Can I describe the direction of forces between magnets or between a spring and someone compressing it?
- Can I describe what happens when some materials are put near a magnet?
- Can I classify materials as magnetic or non-magnetic and describe some uses of magnets in daily life?
- Do I know that objects are pulled down because of gravity?
- Can I identify that friction is a force that can slow objects down or prevent them from moving.
- Do I know that when springs are pushed or pulled there is an opposing force?
- Can I measure the strength and direction of forces?
- Can I decide how to test an idea, explaining how to make a simple test fair
- Can I identify patterns in results and use these to draw conclusions?

D.T. Moving Monsters

- Can I generate ideas for a product using a pneumatic system?
- Can I assemble simple pneumatic systems?
- Can I use pneumatic systems to make a moving model?
- Can I identify design criteria?
- Can I evaluate my product and suggest improvements?

R.E - Hinduism

- Do I know about some of the shared beliefs and interests people may have when they belong to a Hindu group or community?
- Can I explain some of the practices associated with belonging to a Hindu group or community?
- Do I have some understanding about personal response to belief through prayer, meditation, and contemplation?
- Do I know about a variety of Hindu festivals and celebrations?
- Can I consider some of the beliefs and meanings reflected in a variety of Hindu festivals and celebrations?

French

- Can I say my name and ask someone else their name?
- Can I describe how I feel?
- Can I recognise and use the days of the week?
- Can I recognise and use the months of the year?
- Can I say my birthday month and recognise the written words?
- Can I tell you about members of my family?

Creative and Personal Development

Art - Pattern

- Can I explore how shape and colour can be organised and combined to create patterns for different purposes.
- Can I collect visual information and ideas for my art work?
- Can I experiment with print-making techniques to make a printed pattern?
- Can I comment on similarities and differences between my own and others' work?
- Can I adapt and improve my own work, according to its purpose?

Music

- Can I carefully choose, order, combine and control sounds with awareness of their combined effect?
- Can I clap/tap the pulse and show to create rhythmic ostinato?
- Can I sing songs in tune and with awareness of other parts?
- Can I listen to longer pieces of music and identify features?
- Can I improve my own work through analysis, evaluation and comparison of others work?
- Can I identify phrases through breathing in appropriate places and recognise structures?
- Can I performing on instruments, alone and with others, a varied repertoire of music.
- Can I read music notation.

Physical development (Games, gym, dance, swimming)

- Can I throw and catch a ball accurately when bowling, fielding, passing or receiving?
- Can I use rules and work as part of a team to make it harder for the opposing team
- Can I strike a ball moving ball with a range of equipment?
- Can I explain how physical activity affects my body and show an understanding of why it is important to warm up and cool down
- Can I identify parts of my performance that need improvement and suggest how to achieve this?
- Can I explore and improvise ideas for dances in different styles, working with a partner and in groups
- Can I compose dances by using, adapting and repeating phrases and motifs?
- Can I demonstrate and understanding of buoyancy?
- Can I push and glide and be fully submerged in the water?
- Can I swim an appropriate distance on my front and back without swimming aids?

Computing

- Can I use a variety of tools to create a program
- Can I use an efficient procedure to simplify a program
- Can I recognise an error in a program and debug it
- Do I know that I need to keep testing my program while I am putting it together
- Can I recognise that an algorithm will me to sequence more complex problems
- Can I recognise that using algorithms will also help solve problems in other learning such as Maths

PHSE

- Do I know that I belong to a community?
- Do I know what I have to do myself to make the classroom and school a safe and fair place for everyone, and that it is not OK for other people to make it unsafe or unfair.
- Can I manage my feelings, and can usually find a way to calm myself down when necessary.
- Can I take on a role in a group and contribute to the overall outcome?
- Can I discuss in a group how well we are working together?
- Can I use peaceful problem solving to sort out difficulties?

