

YEAR 6 : Summer 2: Super Sevens

<p>Events Golden mile Sports Day</p>	<p>RE & Values Creation stories and ultimate questions June – Happiness / Pride July – Simplicity / Respect</p>	<p>Topic: Super Sevens</p> <p>Science – Humans and Health Identify and name the parts of the circulatory system. Know that the heart is made of muscle. Describe what the heart and blood vessels do. Identify and name the main parts of the human circulatory system, and describe the functions of the heart, blood vessels and blood. State how to measure pulse rate. Recognise that pulse rate is a measure of how fast the heart is beating. Discover that during exercise the heart beats faster to take blood more rapidly to the muscles. Make careful measurements of pulse rate. Describe the different functions of the blood (e.g. transporting and protecting). Know that the blood comes from the heart in arteries and returns to the heart in veins. Know that blood carries oxygen and other essential materials around the body. Explain how ideas about the circulatory system have changed over time. Identify some of the harmful effects of smoking. Recognise the impact of diet, exercise, drugs and lifestyle on the way their bodies function describe the ways in which nutrients and water are transported within animals, including humans. Recognise that care needs to be taken with medicines and that they can be dangerous. Give several reasons why it is sometimes necessary to take medicines. Identify some harmful effects of drugs. Identify food as a fuel for the body. Name the major groups into which food is categorised and identify sources for each group. Describe the main function of organs of the human body. Explain the effect of diet on particular organs of the body/aspects of health. Explain the effect of exercise on particular organs of the body/aspects of health. Explain how ideas about smoking have changed over time. Explain why advice on diet changes (e.g. butter vs margarine, five a day, tax on sugary drinks).</p> <p>Geography Fieldwork Use maps, atlases, globes and digital/computer mapping (Google Earth) to locate countries and describe features studied. Extend to 6 figure grid references with teaching of latitude and longitude in depth. Expand map skills to include non-UK countries. Use fieldwork to observe, measure and record the human and physical features in the local area using a range of methods, including s sketch maps, plans and graphs, and digital technologies.</p> <p>Human and Physical Geography Describe and understand key aspects of : Physical geography including Volcanoes and earthquakes, looking at plate tectonics and the ring of fire.</p>
<p>Computing – Sound Works To understand digital sound has an important role to play in building atmosphere, presenting ideas and influencing audience mood. To investigate the history of sound recording and understand how the technology has developed. To understand that sound-editing and music creation software enables us to create, record and adapt sounds. To understand that sound recordings or broadcasts should be planned to improve their impact. To understand that there are complex rules around copyright, ownership and plagiarism which we should observe. To understand that sound recordings can be exported and used in other applications. To understand how sound files can be organised as podcasts and shared over the internet, and to consider the eSafety and copyright implications of doing this. To understand simple music compositions can be programmed. To organise their work confidently in agreed locations, using appropriate file-naming conventions and folder structures. To save drafts of their work, using these to support critical review. To be proactive in keeping electronic and other data secure and protecting personal information when entering data online. To understand some of the ways they can use to report concerns about content and contact.</p>		
<p>PE PE – Athletics Beginning to build a variety of running techniques and use with confidence. Can perform a running jump with more than one component. e.g. hop skip jump (triple jump) Beginning to record peers performances, and evaluate these. Demonstrates accuracy and confidence in throwing and catching activities. Describes good athletic performance using correct vocabulary. Can use equipment safely and with good control.</p> <p>PE - Games</p>		

Vary skills, actions and ideas and link these in ways that suit the games activity.
Shows confidence in using ball skills in various ways, and can link these together.
Uses skills with co-ordination, control and fluency.
Takes part in competitive games with a strong understanding of tactics and composition.
Can create their own games using knowledge and skills.
Can make suggestions as to what resources can be used to differentiate a game.
Apply basic skills for attacking and defending.
Uses running, jumping, throwing and catching in isolation and combination.

PE - Evaluation

Watches and describes performances accurately.
Learn from others how they can improve their skills.
Comment on tactics and techniques to help improve performances.
Make suggestions on how to improve their work, commenting on similarities and differences.

Music

Sing or play from memory with confidence.
Take turns to lead a group.
Maintain own part in a round/ sing a harmony/ play accurately with awareness of what others are playing.
Play more complex instrumental parts.
Improvise using 5 notes of the pentatonic scale



Art

Textiles

Use fabrics to create 3D structures
Use different grades of threads and needles
Experiment with batik techniques
Experiment with a range of media to overlap and layer creating interesting colours and textures and effects

Collage

Add collage to a painted, printed or drawn background
Use a range of media to create collages
Use different techniques, colours and textures etc when designing and making pieces of work
Use collage as a means of extending work from initial ideas

D&T

Textiles

Create 3D products using pattern pieces and seam allowance
Understand pattern layout
Decorate textiles appropriately often before joining components
Pin and tack fabric pieces together
Join fabrics using over sewing, back stitch, blanket stitch or machine stitching (closer supervision)
Combine fabrics to create more useful properties
Make quality products

French

Speaking:

Take part in a simple conversation.
Express an opinion.
Know how to pronounce a range of letter strings.
Begin to understand how accents change letter sounds.
Can substitute items of vocabulary to vary questions or statements.
Pronunciation is becoming more accurate and intonation is being developed.