

Teaching and Learning Principles and Curriculum Driver			
<b>Equality of Opportunity</b> Raising pupil aspiration through inspiration, enjoyment and fulfilment; Access to academic excellence; Opportunity to enhance and develop skills/talent; Developing dedication and resilience	<b>Enquiry Based Learning</b> Creative thinkers; Real life challenge Risk taking; Resourcefulness; Enterprise; collaboration; Independent; Fostering and applying thinking skills	<b>Inspire awe and wonder</b> Use stimuli to motivate and inspire- visits, visitors, artefacts, books, videos, plays, role-play etc.	<b>Force for Positive Change</b> Who or what has been a force for positive change. How can we be a force for positive change?
Sports day – 28 <sup>th</sup> June  Fundraising for year 6 activity	English – Macbeth, short stories  PSHE – Changing me  Science – Observing how different activities affect the heart.	Science - Investigating blood and its movement around the body  Year 6 production – Shrek	Create a poster to encourage children to stay fit over the summer holidays

## YEAR 6

### Fit and Fabulous

**Big Bang** – Taking heart rate readings before and after activities

**School Trips/Special Events**  
 Sports day – 26<sup>th</sup> June  
 Art exhibition – 11<sup>th</sup> June  
 Secondary transition days – throughout the half-term  
 Year 6 production – 11<sup>th</sup> Year 6 production

**Celebration**  
 Create a poster to encourage children to stay fit over the summer holidays and present this to KS2 children.

**Computing – Micro Bits**  
 Children will learn about the parts of a micro Bit and how it senses inputs.  
 They will design and make a step counter

**Key Curriculum Areas: Science, DT and Art**

**Learning Journey - Science**  
 Children will be learning about the main parts of the human circulatory system. They will be developing their knowledge on how the heart, blood vessels and blood function. Children will also be learning about the impact of diet, exercise, drugs and lifestyle on the human body  
 Children will investigate the life cycle of a human from birth to old age.  
**Writing opportunity:**  
 Children to write an explanation text about the human circulatory system.

**Learning Journey**  
**DT** - Children will be looking at the use of cam mechanisms in the current market. Children will then try to recreate their own cam mechanism and begin brainstorming design ideas based around the use of a cam mechanism.

**PE**  
**Outdoor (with class teacher)** – Adventurous activities  
**Outdoor** -tri golf  
 Learning how to control distance and direction using a variety of clubs. Playing safely

**Maths**  
**Ratio and proportion**  
 Solving problems involving the relative sizes of two quantities  
  
**Statistics**  
 Pie charts, bar charts, graphs and tables  
  
**Geometry and measurement**  
 Shape, volume, circumference  
  
**Measure**  
 Telling time  
  
**Number**  
 Order of operations – BIDMAS  
  
**Number - Consolidation**  
 Recapping multiplication, division, addition and subtraction methods

**Art**  
 Children will be creating props and backdrops for the year 6 production.  
 Creating a sculpture

**English**  
 Narrative:  
  
Short stories - writing in the style of the 500 words short story competition  
  
Script writing - Macbeth  
  
Grammar - Conjunctions, semi colons, colons and formal language  
  
Poetry - Relating to the circulatory system and fitness.

**Music**  
 The focus will be on practising songs for the year 6 production.

**PSHE (Changing me)** Children will learn about how a girls’ and boys’ bodies change during puberty and understand the importance of looking after themselves physically and emotionally.