

### Music

Children will be studying music linked to the heart and will be using body percussion to express the beating of a human heart, considering how the human pulse and the pulse of music are similar. Create a group Rap about the heart.

### PSHE

We will be working on a PSHE unit entitled 'Drug education' this half term. The children will categorise drugs as medical/ non- medical and legal / illegal; understand the possibly physical and psychological effects of drugs, understand the laws related to drugs and identify risks and risk management strategies and where they can access support.

### PE

During outdoor PE sessions, your child will continue to participate in sessions related to our 'winter sports'; they will gain experience in playing hockey, and netball. **Outdoor PE sessions will be on Monday afternoons.**

Thursday mornings the children will work with Mrs Bowden on invasion games with a focus on hockey.

### Year Six Events

Friday 14<sup>th</sup> February – End of Topic Fundraising and Celebration Event

*(Parents are invited to join us at 2:30pm)*

Thursday 5<sup>th</sup> March – Museum of Zoology and Sedgewick Museum  
Cambridge

Week beginning 9<sup>th</sup> March – Mock SATs week

# Park Lane Primary School

## Spring Term (January - February 2020)

### Year 6



### Information for Parents

Mr Ingham, Mrs Gregory,  
Miss Richards, Miss Bright, Mrs Lintott

## **Dear Parent/Carer,**

Welcome to the first half of the Spring Term, where we will be following a more scientific topic designed to engage and enthuse our young people as they study 'Blood Heart'. We hope that you have had an enjoyable Christmas and New Year break, and we look forward to sharing with you our exciting learning opportunities for this half term in this booklet.

### **Mathematics**

During this term, your child will be improving their number knowledge as we continue our work on the four operations. Following this, we will then look in detail at converting a range of different measurements, including grams, kilograms, litres, millilitres, metre, cm and mm. Also, we will look at ratio, linking this to fractions and calculating a range of ratio. Finally, we will look at finding area and perimeter of a variety of shapes the volume of different containers. Your child will learn to apply these skills through problem solving and reasoning. We will also be exploring units of measure alongside area, perimeter and volume.

### **English**

Children will begin the term researching and writing their non-chronological report explaining the function of the heart and the circulatory system. We will then focus on higher order reading skills and authorial intent through reading our new class book: 'Pig Heart Boy' by Malorie Blackman. Children will also be writing persuasive adverts linked to anti-smoking campaigns and heart health.

### **History**

We will be studying the work and discoveries of William Harvey, Christian Barnard and Carl Landsteiner, as well as studying the history of medicine and developments around heart surgery and xenotransplantation.

### **Science**

Our topic of 'Blood Heart' will mean the children shall explore the workings of the heart and the circulatory system, including carrying out a dissection of an animal heart. We will also explore the effects of exercise and diet on the heart and circulatory system and record our results using mathematical knowledge. We will identify the four blood groups and what happens when they are mixed. We will look at how scientific research has developed over time. Finally we will consider what can go wrong with the heart, focussing on the effects of drugs and alcohol. We will investigate how blood cells, water and nutrients are transported around the body.

### **R.E.**

In RE this term we will be learning about Jehovah Witnesses and their beliefs around blood transfusion and organ donation. Children will consider the question: Is anything ever eternal? They will look at how people grieve in different religions.

### **Art**

Children will study heart and blood inspired artwork, they will work on colour mixing and developing brush skills to create our own 'Heart Art' gallery. We will create a multi – media presentation to explain the working of the circulatory system.

### **Design Technology**

Our DT this term will involve designing and making a stethoscope. We will be building them and evaluating their effectiveness. The children will investigate healthy alternatives to fast foods. A model heart will be made from clay, using the dissection to help them sculpt.

### **ICT**

During this term, children will be using IT to create a website using HTML coding which will help them to advertise our end of topic celebration. Children will also use the iPads to create comic strips linked to e Safety.