

# TURNFURLONG JUNIOR SCHOOL

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Turnfurlong Lane, Aylesbury, Buckinghamshire HP21 7PL



## **Year 5** **Information for Parents** **Spring Term 2012**

The Spring Term is divided into two topics; 'Healthy Living' and 'Britain Since 1948'. The first half term has a science and PSHCE focus and is centred on The Body and making healthy choices. The children will be studying the body's processes and how to keep it healthy. They will use this as the basis for a range of writing activities, including writing and creating their own adverts focussing on the benefits of exercise. There are strong cross curricular links with numeracy, ICT, Art, and PE. The second half term has a history focus and investigates how life has change in Britain since the end of WWII. There are strong links to numeracy, literacy, science, art and PE.

Science:

Keeping Healthy  
Life processes  
Growth and reproduction  
Skeleton  
Muscles  
Digestion  
Circulation  
Staying healthy: healthy diet, exercise, tobacco, alcohol, drugs

PSHE:

Healthy lifestyle smoking, drugs, healthy eating

Literacy:

Persuasive writing:  
Exercise  
Adverts: healthy eating  
Weather poetry

## Healthy Living

Maths:

Pulse rate graphs  
Healthy eating graphs

RE:

Rights of passage

DT:

Making cams

PE:

Creative games  
Badminton

ICT:

Publisher  
Moviemaker  
Spreadsheet  
Graphs

Geography:

Weather: understanding climates across the World.

History:

Britain Since 1948  
Changes in technology  
Positive impacts of immigration  
Gathering information from first hand sources  
The Space Race  
Apollo 13

PSHCE:

Healthy eating  
Good to be me

Literacy:

News reports  
Narrative Poetry -  
Non-chronological report linked to history.  
Flanimal unit

Science:

Earth, Sun and Moon:  
Season, day and night, phases of the moon, planets, space exploration.

## Britain Since 1948

RE:

Holy Books

Numeracy:

Topic links  
Planets: sizes, distance  
Time: year, months, seasons  
Directions: NSEW  
Data Handling discrete data

DT:

Problem solving linked to Apollo 13

PE:

Dance  
Invasion games:  
Attacking and Defending /  
Support play e.g. rugby

Art:

Pop Art printing  
Planet pastels and watercolours

ICT:

Pop Art Photoshop  
Internet research on Britain since 1948 and planets  
PowerPoint on historical changes.

## **Literacy**

The first half term focuses on health issues with persuasive units linked to healthy living. The children will create instructions for their own games, letters and adverts, all with a healthy living link. Towards the end of the first half term, the children will be given the opportunity to study different poetic styles.

The second half term links with our space theme. The children will be writing diaries, newspaper reports and will create their own Flanimal.

## **Numeracy**

Numeracy incorporates the learning objectives from the revised Numeracy strategy with an emphasis on the four number operations and problem solving in real life situations.

The children will be encouraged to learn their times tables and consolidate addition and subtraction facts.

Parents are encouraged to support their children in learning their tables

## **Science**

### **Healthy Living**

In this unit children are introduced to the main organs of the body and their functions. In particular they will investigate the circulatory system and the effects of a healthy diet and healthy lifestyle on the heart. The unit investigates the effects of unhealthy living e.g. poor diet and lack of exercise and provides an introduction to the effects of smoking, drugs and alcohol on the body.

Work in this unit offers children opportunities to relate their knowledge and understanding of science to their personal health and is linked to personal, social and health education.

### **Earth, Sun and Moon**

In this unit children learn about the shapes and relative sizes of the Earth, Sun and Moon. They learn how they move relative to each other and how these movements relate to night and day and the changing seasons. The unit encourages children to relate scientific knowledge and understanding to familiar phenomena e.g. day length, year length, and to consider scientific evidence about the Earth, Sun and Moon. Experimental and investigative work in this unit focuses on the apparent movement of the sun during the day and its effect on shadows. The children will also be encouraged to keep a moon diary and investigate the phases of the moon.

The children will visit the Science Museum to reinforce their learning for this topic

### **Information and Communications Technology (ICT)**

ICT will be closely linked with work across the curriculum. Pupils will use the internet for research work in science and geography, and will develop their presentational skills including use of power point and word.

#### **Movie maker**

Pupils will be using video cameras to film their adverts focussing on the benefits of exercise and produce a news report linked to work on space.

## **Art**

Children will be using watercolour and pastels to illustrate their work on healthy eating and earth and space. They will have the opportunity to investigate pop art and use the ICT package Photoshop to create a photo montage.

The children will also create a dream sequence inspired by the works of Miro.

## **Religious Education**

**Rites of Passage:** This unit explores the idea of significant stages in a person's life and the part played by religious celebrations in marking those events. The children will consider how birth, young adulthood and death are marked by Christians, Muslims, Hindus and Jews.

**Holy Books:** The children will explore the importance of the Koran to Muslims and the Bible to Christians.

## **PSHCE**

PSHE is based on the SEAL scheme aimed at developing the social and emotional aspects of learning. It begins by focusing on establishing classroom rules, routines and the concept of working together with each person playing a part.

### **Good to be me**

This theme is the first of two focusing specifically on feelings. It explores feelings in the context of the child as an individual, developing self-awareness and helping the child to realise that it really is 'Good to be me'.

### **Going for Goals**

This theme focuses primarily on the key aspect of motivation, with a subsidiary focus on self-awareness. It gives an important opportunity for all children's abilities, qualities and strengths to be valued.

## **History**

Britain Since 1948

In this unit, the children will discover the importance of technology in the decades since 1950. They will focus on the decades of 1960 and 1970, investigating the different changes that occurred during this time and the influence these changes have on our modern day society. They will be given the opportunity to visit the science museum to study different artefacts linked to the decades of 1950 onwards.

## **Geography**

### **The Weather**

Children will carry out their own study of local weather in England and compare it to different climates around the world.

## **Physical Education**

### **Creative Games**

In this unit, the children are given the opportunity to create, revise and then teach a game they have created to the rest of their class.

### **Invasion Games – Attacking and Defending**

In this unit children develop skilful attacking and team play. They learn how to work well as a team when attacking, and explore a range of ways to defend.

In all games activities, children think about how to use skills, strategies, and tactics to outwit the opposition. In invasion games, they enter their opponent's territory with the "ball" and try to get into good positions for shooting or reaching the "goal".

### **Dance**

The children explore the development of different dance styles over the decades from 1950 to the current day, including the Viennese Waltz and Rock and Roll.

### **Badminton**

The children will practise their skills and accuracy in this unit and will be given the opportunity to practise their skills against one another.

## **French**

The children will build on their knowledge from last year, learning to understand and use the language for practical purposes using fun and interactive methods.

## **Music**

In the first part of the term the children will be exploring different musical process. They will be listening to and analysing pieces and will develop compositions based upon changing meter (time signatures).

In the second half of term the pupils will be learning a variety of pop and rock songs. They will be extending instrumental and vocal skills through the study of melody, chords and structures.