

'Flying High'

Working Together to  
Build a Successful  
Future for All

# HORNBILL SCHOOL

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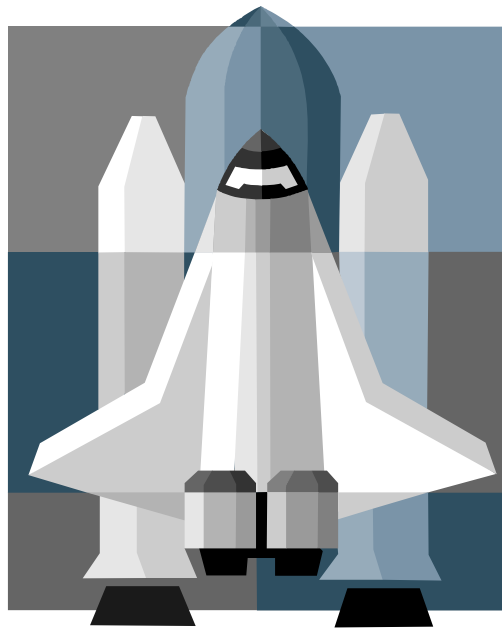
Headteacher: Mrs Kathy Wood MBE MEd



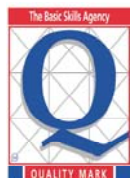
SEPTEMBER 2009

Welcome back - Term 1

## Year 6 Curriculum Map



### To Infinity and Beyond



# To Infinity and Beyond

## English, Communication & Language

Writing non-chronological reports about the planets within our solar system. Poetry describing our world and exploring links to sustainability. Narrative: science fiction and parables.

Recounts—accounts of space flight.

## Mathematical Understanding

We will be following the National Numeracy Framework 2006. Areas of coverage will include: place value; problem solving using written calculation skills & informal methods; fractions, decimals, percentages & ratios; shape, space & measures; number patterns & sequences; data handling & probability.

## Science Focus

Forces in action—space flight. Ecosystems & sustainability. The effects of space flight on the muscles & skeleton. Life processes—how would we recognise life on other planets?

## Key People

Astronauts  
Scientists  
Environmentalists  
Philosophers

Our value this term will be:

## Sustainability

Preserving and enhancing our planet for future generations. What are the major problems facing our environment and how can we address them?

## Landing Pad

To complete our theme at the end of this term we will visit the Oil & Gas Discovery Centre (OGDC) and explore issues surrounding our value.

### **Physical Development**

Dance - devise and choreograph a celestial dance of the planets.

### **Historical, Geographical & Social Understanding**

We will use the internet to search for & interpret information, and use this to create multimedia presentations using PowerPoint. We will study the history of aviation & spaceflight. In science we will study ecosystems and sustainability and the physiology of living in space.

### **Understanding the Arts**

Music—we will compose an 'Earth Anthem' using digital music.

DT—to design and make a rocket & model electric car.

Art—sketch and paint impressions of space.

RE—to understand human ideas about our values, origins and future.

### **Modern Foreign Language**

Children will be introduced to Spanish vocabulary which will help them name colours, parts of the body and ask peoples names.

### **Theme Outcomes**

During our theme we will improve children's knowledge of our solar system and galaxy.

They will learn about human ingenuity and endeavour through studying the history of flight & space exploration.

Our theme will also increase children's awareness of the Earth as 'our home', its uniqueness and how we need to care for it.

### **Personal Research**

The children will research a planet of their choice from within our solar system and create a personal project and presentation about it.

# **To Infinity and Beyond**

# टु ईन्फिनिटी एण्ड वियोण्ड ।

## अंग्रेजी विषय, संम्वाद एंव भाषा ।

हाम्रो सौर्य मण्डलमा भएको ग्रहहरूको बारे समय अनुक्रम नभएको रिपोर्टहरू लेख्नेछन् । यसका साथै हाम्रो यो विश्वजगतका बारेमा लेखिएका वर्णनात्मक कविताहरूको अध्ययन गर्नेछन् अनि निरन्तरता सम्बन्धी लिंकहरूमा गई खोजीनिति गर्नेछन् । कथामा विज्ञान सम्बन्धी कथा अनि नैतिक कथाहरूको अध्ययन गर्नेछन् ।

स्पेस फ्लाईटको विवरणात्मक लेखाई अनि पढाई पनि गरिनेछ ।

## गणितीय विकास

हामी गणित पढाइ लेखाइमा युकेको नेशनल न्युमरेसीको पाठ्यक्रम ढाँचा २००६ को अनुसरण गर्ने गछौं । यस टर्ममा हामीले गणितीय शाब्दिक समस्या समाधान, संख्याको स्थानमान, लेखेर वा नलेखेर हिसाब गर्ने तरिका, भिन्न, दशमलव, प्रतिशत र अनुपात, आकार, नापतौल, संख्याको ढाँचाहरू र कम , डेटा ट्यापिलिङ र सम्भाव्यताबारे अध्ययन गर्नेछौं ।

## विज्ञानको विषय वस्तु ।

गतिको प्रभाव- स्पेस फ्लाईट । ईकोसिस्टम अनि निरन्तरता । हाम्रो मासपेशी अनि हाडहरूमा पर्ने स्पेस फ्लाईटको प्रभाव । जीवन प्रक्रिया - अन्य ग्रहका जीवहरू छन् भनेर कसरी चिन्ने ।

## मुख्य मानिसहरू ।

अंतरिक्ष यात्रीहरू ।  
वैज्ञानिकहरू ।  
दार्शनिकहरू  
वातावरणविद्

## यस टर्ममा हाम्रो मुख्य मान्यता रहनेछ : निरन्तरता

भावी सन्ततिको निम्ति हाम्रो ग्रहलाई कसरी बचाई राख्ने अनि कसरी अभै सुन्दर बनाउने भन्ने बारेमा र हाम्रो वातावरणले भेलिरहेको मुख्य समस्याहरू के हुन् अनि यसलाई कसरी समाधान गर्न सकिन्छ भन्ने बारेमा नानीहरूले आफ्ना विचारहरू राख्नेछन् ।

## ल्याण्डिङ प्याड

हाम्रो थिमको विसर्जन कार्यक्रमका लागि टर्मको अन्तमा हामी ओ जि डि सिको भ्रमण गर्नेछौं अनि हाम्रो मूल्य मान्यता सम्बन्धी मामिलाहरूको खोजीनिति गर्नेछौं । ।

## शारिरिक विकास

यस अन्तर्गत नानीहरुले सौर्य मण्डलका ग्रहहरुलाई ध्यानमा राखेर एउटा सुन्दर ग्रह नृत्यको सृजना गर्नेछन् ।

## ऐतिहासिक, भौगोलिक अनि सामाजिक बुझाइ ।

ईन्टरनेटको प्रयोग गरी विविध विषयमा धेरै सूचनाहरुको खोजी गरी यसको व्याख्या गर्नेछौं अनि यी सूचनाहरुलाई राखेर पावर पोइन्टको प्रयोग गरी मल्टिमिडिया प्रेजेन्टेशन बनाउनेछौं । हामीले उड्ययन वा हवाईसेवा र स्पेस फ्लाईटको इतिहासको अध्ययन पनि गर्नेछौं । विज्ञानमा हामी ईकोसिस्टम अनि यसको निरन्तरता र अन्तरिक्ष जीवन कतिको स्वस्थ छ भन्ने कुराको अध्ययन गर्नेछौं ।

## कलाकृतिको अध्ययन

डिजिटल संगीतको प्रयोग गरी हामीले अर्थ एन्थम अर्थात पृथ्वी गान वा पृथ्वीको गीत बनाउनेछौं। डिजाईन एण्ड टेक्नोलोजीमा हामीले एउटा रकेट र नमूना विद्युतीय कारको डिजाईन गरी त्यसको निर्माण पनि गर्नेछौं ।

कलामा हामीले हामीलाई अन्तरिक्ष वा स्पेस कस्तो लाग्छ भनेर यसको एउटा आर्कषक चित्र बनाउनेछौं ।

धार्मिक शिक्षामा हामीले मानव जातीको बुझाइमा हाम्रो मुख्य मान्यता, उत्पत्ति अनि भविष्य के कस्तो छ भन्ने बारेमा अध्ययन गर्नेछौं ।

## आधुनिक वैदेशिक भाषा ।

नानीहरुलाई स्पेनिस भाषा शब्दवालीको परिचय गराउनेछौं जसमा उनीहरुले रंगको नामहरु, शरिरको अंगको नामहरु अनि अन्य ब्यक्तिको नाम कसरी सोध्ने आदिमा सहयोग पुग्नेछ ।

## व्यक्तिगत अनुसन्धानको अवसरहरु

हाम्रो सोलर सिस्टमको ग्रहहरु मध्येबाट नानीहरुले आफ्नो रोजाइको एउटा ग्रहबारे अनुसन्धान गरी एउटा ब्यक्तिगत प्रोजेक्टको तयारी अनि प्रस्तुति गर्नेछन् ।

## थिम आउट कम्स अर्थात थिमको परिणाम

हाम्रो यस “टु ईन्फिनिटी एण्ड वियोण्ड” नामक थिम अध्ययन गर्नेक्रममा नानीहरुको सोलर सिस्टम अनि ग्यालेक्सी बारेको रहेको ज्ञानमा अभै सुधार गर्नेछौं । उड्ययन र अन्तरिक्षयात्राको इतिहासको अध्ययन गरी मानव जातीको सृजनात्मकता अनि प्रयत्नबारे नानीहरुले सिक्नेछन् । हाम्रो थिमले नानीहरुलाई पृथ्वी हाम्रो घर हो भन्ने चेतना दिलाउनेछ र यसको विशेषता र हामीले कसरी यसलाई जतन गर्ने भन्ने बारेमा पनि नानीलाई सचेत बनाउनेछ ।

टु ईन्फिनिटी एण्ड वियोण्ड ।

# Every Child Matters...

## Every Lesson Counts.

We believe that every child in our school has the right to be heard. We believe in Pupil Voice and encourage it throughout the school.



This term pupils will have the opportunity to take part in a variety of sporting activities, including team games and health related fitness activities. They will also consider what constitutes a healthy lifestyle and diet through our work on life processes in science.

Pupils are encouraged to achieve well in all areas of the curriculum and all teachers have high expectations as to pupils achievements. Many of our lessons are 'hands on' or 'investigative' style lessons. We endeavour to link all learning to real life or relevant situations. Our themed curriculum has been tailored to encourage pupils to find out more about the world around them in an exciting way.



Pupils have the opportunity to take part in a wide selection of after school activities and clubs around the garrison. Pupils voice is heard through the School Council. We are also developing a 'Curriculum Task Group' where pupils will be asked to comment on their learning. In most lessons pupils are asked to offer opinions and feelings towards tasks and activities.

Pupils know the importance of staying safe around the school. They are shown how to move safely on the play equipment and climbing wall. They know when it is safe to run and walk and how to behave in areas such as the sand pit and around the pond. Pupils know the importance of taking risks and learning how to experiment in safe situations. They are encouraged to try new things or new ways of doing something without feeling threatened.



Children will reflect upon and discuss their future. They will ask what skills and attitudes will they need as adults to be successful? They will carry out some of their learning through role play and enact possible future jobs and professions that interest them. As part of our theme work the children will consider how they can work together to build a sustainable future for planet Earth.

