

# Year 5 Term 3 Curriculum Letter

## I.P.C. - Investigators

This unit focuses primarily on the subject of Science. We will be learning how detectives use Science to help them solve crimes. The Entry Point is a crime scene in the classroom! Over the next 9 weeks we will be learning scientific skills - such as chromatography, insulation and absorption - to help us solve this 'crime'.

During this unit we will learn how to 'do' science. We will learn several, important, scientific skills. These skills can be used in a whole range of scientific situations. However, we will use these skills to investigate one branch of science: materials and their properties. We will also see how these skills can be applied to one real world context – the exciting world of forensic science!

As ever, our learning in IPC is carefully coordinated with the specialist teachers to put learning in context. Further details can be found in the specialist sections of this letter.

In International, we will be learning about how different countries and Police forces cooperate and collaborate to solve crimes and catch criminals.

### Investigators

#### Entry Point

A crime scene!  
Who took  
Mr. Dave's  
headphones?

#### Knowledge

##### Harvest

What do we  
already know?

#### The Big Question

Can Science help  
us to solve  
crimes?

#### Explaining the Theme

What will be  
learning about?

#### Our Learning

Will be recorded  
in a variety of  
ways e.g. in our  
books, on our  
Macs, through  
drama /  
discussion.

#### Exit Point

Hopefully finding  
out who took the  
headphones! The  
unmasking of the  
thief!

For further  
information  
about this IPC  
unit, ask your  
child!

## Maths

This term we will be finishing the Year 5 Maths curriculum and reviewing the key learning in number to prepare for Year 6. We will be completing our place value unit by looking at estimation and rounding. Following this unit we will be looking at how to solve problems with decimal numbers using money in Malaysian Ringgit and English Pounds. We will then be investigating 3D shapes and their properties. We will also be reviewing telling the time and converting between units of time.

Finally we will be reviewing mental strategies to solve number problems in addition and subtraction, multiplication and division. The emphasis is on having a deeper understanding of place value and number so that learners can solve problems flexibly.

All learners should now know their times tables up to  $12 \times 12$  and continue to review their basic facts and number order. Learners in Year 5 are expected to understand decimal numbers, place value, and number order which is another area you could work on at home.

## Language Arts

In Writing, we shall be learning about Myths, Legends, Fables and Folktales. We will be deconstructing texts to look at the different features as well as compare similarities and differences. We will then plan and write our own Myth.

In Spelling, learners will continue to work at their own level to look at different spelling patterns and to be able to use them appropriately and correctly.

In Guided Reading, we shall have 3 main focus areas: learning to distinguish between fact and fiction; using a variety of strategies to understand meaning; and being able to read for a variety of different purposes.

In Grammar, we shall be focussing on using speech dialogue correctly, as well as using question marks and commas in a list, and using exciting vocabulary.

# Bahasa Integration and Languages

## Bahasa Integration

In this topic, learners will learn about how local investigators solve cases and crimes in Malaysia. They will be looking into the process of investigation, and how evidence and information is obtained, handled and examined. Learners will also get a chance to learn about how handwriting analysts work to contribute to the forensic field.

## Mandarin Advanced

In Advanced Chinese this term, Year 5 learners will be reading passages from the Singapore Higher Chinese for Primary Schools Textbook and Activity book 3B. They will be learning new vocabulary based on the context. Learners will be focusing on stories of famous heroes and musicians, cultural legends, festivals etc. For grammar, learners will be learning sentence connectors, forming paragraphs, extracting main points and writing summaries. In line with the topics, they will learn and understand more complex phrases and sentences and use them in meaningful context. The learners will also be consolidating learning of vocabulary and grammar by re-using it in other contexts. The learners will also learn to present ideas through a multimedia presentation, a sketch, a poem, an article, a song or a video to an audience, either individually, in small groups or with the class.

## Mandarin Beginner

During this term, Year 5 beginning level learners will be covering the topics "At The Theme Park". During these topics they will learn to respond to someone asking a question e.g what did you do at the Theme Park? , talk about my day at the Theme Park in at least 2 sentences using a range of tenses, linking words, opinions, plurals, negatives and adjectives. There will be a role play for this topic. This role play actually helps them to be self confident to communicate with people. Besides the role play, there are many different kinds of activities that are always covered - these four skills are: listening, speaking, reading and writing.

## Languages (continued)

### Spanish

This term, learners will study the topic of 'at the theme park'. They are able to give and receive complex directions using a theme park map, recognise key vocabulary for in and around the theme park, and read and write short texts about a theme park experience. Some learners will begin to recognise key words and structures in longer authentic texts. Key grammatical structures will include the present tense, adjectival agreements and the use of connectives. Some learners will also begin to recognise the preterite tense to describe past events. Learners will create a digital advertisement brochure for a Spanish theme park and will present this verbally to the class in the target language. This term learners will also have the opportunity to participate in the Language Perfect World Championship to consolidate key vocabulary that they have learnt throughout the course.

### Bahasa Malay

This term in Bahasa Malaysia, learners are able to give and receive complex directions using a theme park map, recognise key vocabulary for in and around the theme park, and read and write short texts about a theme park experience. Some learners will begin to recognise key words and structures in longer authentic texts. Key grammatical structures will include the present tense, adjectival agreements and the use of connectives. Some learners will also begin to recognise the preterite tense to describe past events. Learners will create a digital advertisement brochure for a Spanish theme park and will present this verbally to the class in the target language. They will be engaged in different kinds of activities that will cover these

## World Cultures

During World Cultures, Muslim learners attend Agama with Mr. Ariff. Remaining learners will be finding out about how Easter is celebrated around the world. They will also learn about Wesak and Ramadan.

## Personal Goals

Each week Year 5 have a Personal Goal focus. We will start with Respect and in particular treating parents, teachers and fellow learners with the respect that they deserve. We will continue to be rigorous learners and ensure that the presentation of our recorded learning is the highest possible standard.

# Specialist Subjects

## P.E.

This term the learners will continue to focus on developing hand-eye coordination in Badminton. They will start to put these skills into game play.. Learners will also be doing Dance for four weeks, where they will be looking at different ways of using expression through the body, by travelling, balance, levels, pair and small group work.

Throughout the term learners will continue to broaden their knowledge of the study of physical education concerned with healthy lifestyles, being safe and how physical activity affects the body.

Learners must ensure that they turn up to PE in the correct uniform, this includes their Nexus PE kit, a water bottle, their hair tied up and all jewellery removed, including watches, necklaces, bracelets and earrings.

## Music

In Music this term, the learners will continue to build on their ability to play tuned such as recorder and ukulele and un-tuned percussion instruments with control and rhythmic accuracy and develop their sense of ensemble. Learners will perform a rap using Incredibox web-based software using their IPC topic 'Fairgrounds' as a stimulus. They will also learn to sing more complex songs and begin to use more complex terminology when discussing the elements of music.

# Summary of IPC Learning Goals Term 3

## INTERNATIONAL

Learners will:

- 3.05 Be able to explain how the lives of people in one country or group are affected by the activities of other countries or groups
- 3.06 Be able to identify ways in which people work together for mutual benefit

## SCIENCE

Learners will:

- 3.01 Know that the study of science is concerned with investigating and understanding the animate and inanimate world around them
- 3.02a Be able to conduct scientific investigations posing scientific questions
- 3.02b Be able to choose an appropriate way to investigate a scientific issue
- 3.02c Be able to make systematic and accurate measurements from their observations
- 3.02d Be able to explain and justify their predictions, investigations, findings and conclusions
- 3.02e Be able to record and communicate their findings accurately using the most appropriate medium and the appropriate scientific vocabulary and conventions
- 3.03 Be able to gather evidence from a variety of sources
- 3.04 Be able to discriminate between evidence and opinion
- 3.05 Understand the importance of using evidence to test scientific ideas
- 3.06 Understand some of the effects of what they learn on people's lives
- 3.31 Know the distinctive properties of different materials
- 3.32 Know about the principles of materials acting as thermal insulators
- 3.33 Know what happens when materials are heated and cooled
- 3.35 Know about differences between metals and other materials
- 3.39 Be able to group and classify materials according to their properties
- 3.41 Be able to separate simple mixtures
- 3.44 Know that heat can move from one object to another by conduction
- 3.49 Be able to identify the effects of physical forces
- 3.50 Be able to measure forces