

Year 5 Term 1 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 school! Over the next few 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!

Knowledge Harvest
What do we already know?

The Big Question
Can Science help us to solve crimes?

Explaining the Theme
What we 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 solving the crime from the Entry Point!

For further information about this IPC unit, ask your child! But don't tell them about the top-secret Entry Point!

Maths

We will be starting this term by learning about number and place value. Learners will have a sound understanding of number before moving onto other mathematical areas. We will then progress to learning about addition and subtraction before learning about multiplication and division before the mid-term break.

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

All Year 5 learners are expected to know by heart their multiplication tables up to 12×12 . These should be practiced at home. We will have regular tests in times-tables to assess progress.

Language Arts

In Writing, we shall be learning about narrative writing and biographies. We will be deconstructing texts to look at the different features as well as comparing similarities and differences. We will be engaged in lots of short writing tasks, focussing on our targets for writing and grammar.

In Spelling, learners will learn at their own level looking at different spelling patterns, and then using them appropriately and correctly.

In Guided Reading, we shall have the following areas of focus: 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 Language Awareness, we shall be focussing on key grammar skills such as tenses, punctuation, sentence structure, plurals, and using interesting vocabulary in writing.

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 studied. Learners will also get a chance to learn about how handwriting analysts work to contribute to the forensic field.

Mandarin Advanced

In Advanced Mandarin this term, Year 5 learners will be reading passages from Singapore Higher Chinese for Primary Schools Textbook 3A and working on the language practices from Ji Nan University. They will learn new vocabulary, phrases and sentences related to the topics and use them in meaningful context. The learners will also learn to construct sentences and short passages to improve on their fluency in communication relating to the topics. For usage of grammar, learners will be learning about conjunctions and radicals. They will be engaged in many individual, pair and group activities for examples, language games, survey, role plays, online reading using DUDU, writing summary, guided journal writing etc.

Mandarin Beginner

This term, Year 5 will be learning about “Pocket Money” and “Restaurants”. During these topics they will learn about tenses (past and present tenses), adjectives, linking words, plurals, negatives and opinions. They are able to pronounce and write simple phrases and recognise some keywords. They are able to role play a conversation with someone else about their pocket money and ordering food in a restaurant. They will be taught how to use a dictionary to find some unfamiliar words. Learn how to write phonetic sounds and tone marks (PinYin) , strokes’ name, stroke order and radicals. The learners will also learn to construct sentences and short passages.

Spanish

In Term 1, Year 5 will be covering the topics of “At the Market” and “In the Restaurant”. During these topics they will be able to use regular, and some irregular, verbs in the present tense and in context. They use a range of simple adjectives, linking words, plurals, negatives and give simple opinions. They are able to pronounce and write simple phrases, and recognize keywords. They are able to role play a conversation with someone else about going to the market and ordering food in a restaurant. They will understand how to use a dictionary to find some unfamiliar words. The learners will also be able to construct simple sentences in the target language.

Bahasa Malay

In Year 5 Bahasa Malaysia this term, learners will be learning about the value of money in our daily lives. They will be discussing about their individual Ringgit senses and how they use their pocket money. Learners in the foreign language pathway will learn about general store items and play shopping games while learners in the first language pathway will be planning and presenting how they would use certain amount of money to go shopping or travelling.

Following that, they will be learning about the food culture in different restaurants they have been to. Learners will be doing easy cooking. Both pathways will also be engaged in role play and dialogue to further refine their speaking and confidence.

In grammar, learners will be revisiting language systems such as adverbs, adjectives and will be focussing on quantifiers. In writing, they will be making more moderate to complex sentence structures and writing short stories guided by illustrations. Comprehensions according to the learner’s level will be given to improve reading and enhance understanding.

World Cultures

During World Cultures, Muslim learners attend Agama with Mr. Ariff. Remaining learners will be finding out about different cultures and religions around the world.

Personal Goals

Each week Year 5 have a Personal Goal focus. We will start with Cooperation to tie in with the Cooperative Learning Structures that we use in class. We will then move onto Respect, and in particular showing respect to our classmates, teachers and parents.

Specialist Subjects

P.E.

Term 1A: Basketball

During this unit of activity learners will be introduced to the basic skills, rules and tactics of Basketball and will be able to build on their prior knowledge of throwing and catching games, in particular Bench ball, which is a related game. Learners will also have the opportunity to explore the basic rules and tactics of the game, furthering their own learning and understanding of Basketball. Learners will be introduced to the concept of fitness for sport and why this is important.

In addition to PE, all learners will undertake a lesson of swimming which is differentiated according to learner's needs. A full range of water competencies and skills, which include stroke technique, will be learned.

Music

This term, the learners will continue to build on their ability to play tuned instruments such as recorder and ukulele and untuned percussion instruments. They will continue to develop their ensemble skills while learning to play with control and rhythmic accuracy and they will learn to sing more complex songs. Learners will also listen to and appraise music to begin to use more complex musical vocabulary when discussing the elements of music.

Summary of IPC Learning Goals Term 1

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

IPC ASSESSMENT FOCUS

This term we will be focusing our IPC assessment on the subjects of Science and International:

Science 3.02a - To be able to conduct scientific investigations posing scientific questions

International 3.06 - To be able to identify ways in which people can work together for mutual benefit

General Reminders

- **Sun hats** - learners should wear sun-hats at break and lunch times if they are out in the sun. If they don't have a hat then they stay in school (usually the library) during these times.
- **Water bottles** - it is important that learners stay hydrated so they should have a water bottle for in-class and at break times.
- **Wake-Up, Shake-Up and Singing** - learners can attend WUSU and singing (Tuesdays) before school starts to get invigorated for the day ahead. These sessions start at 8.30am in the PE hall or theatre.
- **Name all belongings** - all of your belongings, including clothing, water bottles, lunch boxes, should be clearly named using permanent marker.
- **Lost property** - if you lose something, all lost property will be displayed outside of the PTA room by the primary canteen between 3-4.00pm. After 3 weeks, all unclaimed lost property will be donated to charity. Expensive items, such as MacBooks or mobile phones will be sent to student services and should be claimed from there.
- **PE Kit** - please ensure that your child has the correct PE kit / swimming kit at the correct time. Our timetable can be found on the Year 5 website. Again, please name all kit.
- **MacBook charging** - please ensure that MacBooks are charged the night before ready for use in school the next day.
- **Headphones** - please purchase headphones for your child to use in class.
- **Pick-Up at the end of the day** - please ensure that you collect your child from the canteen (or that any drivers or secondary siblings) at the end of the day and alert your child's teacher that you are taking your child home.
- **Parent communication** - communication from class or school will be through the parent portal on the school website. Please ensure that you can access this.