



ASPIRE HUB JUNIOR

Programme Outline & Frequently Asked Questions

English

Learning Objectives

- ✓ Understand the marking rubrics
- ✓ Gain confidence in the various grammar rules (Grammar MCQ, Grammar Cloze, Editing, S&T)
- ✓ Learn the skills to answer Synthesis & Transformation questions
- ✓ Learn how to answer Comprehension Cloze questions through contextual and structural clues
- ✓ Identify and unpack different types of comprehension open-ended questions
- ✓ Strengthen plot structure
- ✓ Learn how to differentiate between writing an essay and telling a story

Lesson Breakdown	
Lesson 1	Grammar rules and Comprehension Cloze <ul style="list-style-type: none">- Revision of grammar fundamentals<ul style="list-style-type: none">• Emphasis on challenging grammar questions tested- Skills for Comprehension Cloze<ul style="list-style-type: none">• Learn the 7 types of clues present in every comprehension cloze passage
Lesson 2	Synthesis and Transformation Skills <ul style="list-style-type: none">- Techniques to answer Synthesis and Transformation questions<ul style="list-style-type: none">• Ordering of clauses (Example: "Unless" archetypes)• Interchanging word classes (Example: "Because of" archetypes)• Repositioning word classes (Example: "Active & Passive Voice" Archetypes)• Direct to reported speech (and vice versa)- Common S&T errors that students make- Guided and independent practice session
Lesson 3	Comprehension Skills <ul style="list-style-type: none">- Reading a passage with greater understanding- Identifying and answering different types of comprehension questions<ul style="list-style-type: none">• Literal• Inferential• Quoting• Vocabulary• Evaluative



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Lesson 4	<p>Composition Writing</p> <ul style="list-style-type: none"> - Fundamentals of composition writing <ul style="list-style-type: none"> • 5 “Ws” and 1 “H” • Plot structure (Background, Rising action, Climax, Falling action, Resolution) • Descriptive writing • Usage of adjectives, adjectival phrases, literary devices for character and plot development - Writing an essay vs telling a story <ul style="list-style-type: none"> • Characterisation • Vary sentence structures to create effects
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Mathematics

Learning Objectives

- ✓ Step-by-step interpretation to extract key information from each problem statement
- ✓ Learn what to look out for to get a quicker understanding of the problem
- ✓ Strengthen the student’s conceptual understanding in the 4 core topics:
 - Whole Numbers
 - Fractions
 - Ratio
 - Percentage
- ✓ Understand why each method is used and why it works. This will raise the chance of the student transferring the knowledge gained to new and unfamiliar questions

Lesson Breakdown	
Lesson 1	<ul style="list-style-type: none"> - Model Drawing involving fractions of different wholes - Part-whole involving units and values
Lesson 2	<ul style="list-style-type: none"> - Division of fractions with remainder - Simultaneous: Parts of different wholes - Units and Parts
Lesson 3	<ul style="list-style-type: none"> - Percentage of a percentage: Part of a remainder - Percentage: Working backwards: Equal fractions
Lesson 4	<ul style="list-style-type: none"> - Model drawing involving percentage and values - Simplifying algebraic expression and word problems



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Science

Learning Objectives

Level 1 skills: Concept-Based

- ✓ Observation skills – Use of 5 senses to describe certain subject/event/occurrence
- ✓ Comparison skills – Questions on similarities and differences
- ✓ Categorising skills – Grouping of subjects with relevant characteristics (definitions will be covered based on the questions covered)

Level 2 skills: Question Dissection

- ✓ Analysing skills – study of pattern/trend, understanding of data/graphs/context/tables
- ✓ Inferential skills – able to use evidence from the questions together with textbook knowledge to explain and elaborate reasoning for the possible outcomes
- ✓ Predicting – able to state the possible outcomes beyond the context of the questions using evidence from question and textbook knowledge

Level 3 skills: Thinking and Answer Presentation

- ✓ Process thinking skills – able to break down the thoughts into steps that leads to an outcome. (To help students think in a structured manner)
- ✓ Critical thinking skills – able to think out of the box, using their own knowledge and be Creative.
- ✓ Application question – able to apply their knowledge and answer in a structured manner and clear answering presentations

Objective of Lesson 1 & 2:

- ✓ To be able to understand the Law of Physics and Chemistry, therefore able to interpret a possible hypothesis or explain the result of an experiment.
*Focus will be mainly on the 3 levels of skills explained above, so that students will be able to tackle PSLE Science Paper confidently and accurately

Objective of Lesson 3 & 4:

- ✓ To be able to understand the Living Aspect of Life by studying the characteristics and behaviours of living things, therefore able to answer PSLE questions on Living Things.



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Lesson Breakdown	
Lessons 1 & 2 Physical Science	Questions that will be discussed will mainly be on non-living things. <ul style="list-style-type: none">- Material- Matter- Water cycle- Electricity- Energy- Forces- Man's impact on environment
Lessons 3 & 4 Life Science	Questions that will be discussed will mainly be on Living things <ul style="list-style-type: none">- Animals- Plants- Fungi and Bacteria- Human body systems- Life cycles- Cells- Adaptations- Living together



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华文 Chinese

学习目标

- ✓ 整体而言，这个课程的重点是让小六生更加了解 PSLE 华文试卷的格式，以及准备每一项题目的技巧，最终提升他们备考的能力和自信心。
- ✓ 课程是极具互动性的，老师将不时点名让学生发言，学生也应该把握机会发问，将平时对华文的问题带到这节课，让老师为他们解答。

Learning Objectives

- ✓ To improve students' understanding of the PSLE Chinese examination format, providing them with tips and techniques so that they will be confident in tackling the different types of questions
- ✓ All three lessons, particularly lesson three, will be conducted in an interactive and engaging manner. Students are encouraged to clear their doubts about the papers and ask questions freely during the lessons.

Lesson Breakdown	
Lesson 1	<p>第一堂课 – 阅读理解没你想的那么难!</p> <ul style="list-style-type: none">• 分析各类阅读理解题型• 如何在文章中找答案?• 如何回答开放式题目?• 额外: 怎么样才能“完成对话”? <p><u>Comprehension Skills</u> Comprehension is not as hard as you think!</p> <p>During the lesson, students will learn:</p> <ul style="list-style-type: none">• Different types of comprehension questions• To deduce answers from the passage and identify keywords in the questions• Tips and phrases to answer open-ended questions• To complete a sentence properly



<p>Lesson 2</p>	<p>第二堂课 – 除了好词好句，一篇高分作文要需要什么？</p> <ul style="list-style-type: none">• 让学生现场练习写“看图作文”的大纲,有效的表达他们真正想法。• 以往年 PSLE 作文题目为例,加深学生对作文基本框架的理解。• 指点学生如何分析“看图作文”的图片,写出重要的细节。• 让学生现场练习写“看图作文”的大纲,有效的表达他们真正想法。 <p><u>Composition Writing</u> Besides writing good phrases, what else is needed for a good essay? Students will learn to:</p> <ul style="list-style-type: none">• Strengthen their understanding of the various essay components• Analyse the six frames of the picture composition• Structure essays to effectively communicate their ideas
<p>Lesson 3 + Interactive</p>	<p>第三堂课 + 华文互动课 – 让学生们在轻松有趣的环境下创意呈现,自信的说中文,同时加强他们的听力能力。</p> <p>让学生发挥创意,通过呈现心仪的产品,来练习口语。 在聆听其他小组发言时,也能训练听力。 在每组呈现结束后,老师会针对学生的表现进行现场指导,也会向学生们随机发问,测试他们的对答能力。 最终获得最多票的小组将获得奖品。</p> <p><u>Oral</u> Overcome your fear of speaking in Mandarin whilst improving your listening skills Tapping on the students' creativity, this lesson allows them to practise constructing sentences in Mandarin confidently. Students will be trained on their listening skills while the other groups are presenting. Individualised feedback will be given at the end of each presentation.</p>