



NORD ANGLIA  
INTERNATIONAL SCHOOL  
AL KHOR

**Thematic Overview / Year 9 / Summer Term**

**2016-2017**

Dear Parent / Guardian

Please find attached our Thematic Overview for Year 9 Summer Term.

As explained in my September welcome letter, this year's Thematic Overviews refer to the YLOs (Yearly Learning Objectives) for the core subjects (English First Language, English Second Language, Mathematics and Science) covered every half term at Key Stage 3. You can find the complete list of YLOs for the core subjects for the academic year in your child's Communication Book.

We hope that this will give you a clear picture of the work being carried out by your child in school and enable you to facilitate their learning at home.

The activities being carried out encourage your child to review past learning, access and retain new knowledge, as well as develop and practise a variety of key skills to prepare them for ambitious goals.

Yours sincerely

Ms L. Gonzalès

Head of Secondary

## English

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### First Language

This term, the students will be returning to IGCSE exam preparation, and continuing to build their coursework portfolios.

#### Yearly Learning Objectives covered:

- Demonstrate understanding of explicit meanings.
- Demonstrate understanding of implicit meanings and attitudes.
- Analyse, evaluate and develop facts, ideas and opinions.
- Demonstrate understanding of how writers achieve effects.
- Articulate experience and express what is thought, felt and imagined.
- Sequence facts, ideas and opinions.
- Use a range of appropriate vocabulary.
- Use register appropriate to audience and context.
- Make accurate use of spelling, punctuation and grammar.

### Second Language

This term, the students will continue to develop their reading, writing and speaking and listening skills through a range of activities that will prepare them for qualifications at Key Stage 4. Students will practise story writing, summary writing and letter writing as part of their studies.

#### Yearly Learning Objectives covered:

- I can understand the gist of a range of passages in familiar contexts at normal speed.
- I can understand a wide range of texts in familiar contexts.
- I can find the necessary vocabulary to summarise a text effectively.
- I can develop and refine my vocabulary independently.

## Mathematics

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This term, the students will be examined against all topics taught to date. They will learn new skills in line with the following objectives.

#### Yearly Learning Objectives covered:

- Understand and use vector notation.
- Express a multiplicative relationship between two quantities as a ratio or a fraction.
- Know that enlargements of 2D shapes produce similar shapes.

- Identify possible sources of bias and plan to minimise it; understand what is meant by a sample and a population.
- Use compound interest.
- Interpret scatter graphs in terms of the relationship between two variables.

## Science -----

The students completed their Year 9 revision of the Science topics to perform their best at the Checkpoint examinations in the first week of the term. As a consequence, for the remainder of the term, the students will have an opportunity to carry out scientific investigations in Biology, Chemistry and Physics. The students will also strengthen their knowledge of the following units, in line with the expectations of the IGCSE curriculum:

### *Scientific Enquiry: Plan investigative work*

- Select ideas and produce plans for testing based on previous knowledge, understanding and research, and decide on the use of primary or secondary sources.
- Decide which measurements and observations are necessary, and what equipment to use, keeping in mind the hazards in laboratory, field or workplace.
- Use appropriate sampling techniques where required.

### *Biology*

- Characteristics and classification of living organisms.
- Describe the terms movements respiration, sensitivity, growth, reproduction, excretion and nutrition.

### *Chemistry*

- Describe the structure of solids, liquids and gases in terms of particle separation, arrangement and types of motion.

### *Physics*

- Length and time.
- Motion.
- Mass and weight.
- Density.

## Humanities

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During the last nine weeks of term, the Year 9 students will be focusing on two topics. The first is on plate tectonics and the second is a research topic with a field trip. The two topics include:

*Plate tectonics:*

- Different plate boundaries.
- Formation of volcanoes.
- Earthquakes.
- LEDC case study.
- MEDC case study.
- Earthquake proofing.
- Safety kits.
- Predicting volcanoes.
- Hazards of volcanoes.
- Living near a volcano.

*Field study:*

- Enquiry planning.
- Hypothesis creation.
- Data collection.
- Analysis of data.
- Report writing.

## Hindi

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This term, the students will:

- Talk about themselves and answer questions during an interview using complete sentences.
- Memorise new vocabulary and sentences.
- Learn new grammar rules and new tenses.
- Read a text and pick up the main information to answer questions using complete sentences.
- Read instructions and answer various written questions by listening to a conversation or a text.
- Write a letter or three paragraphs about a scenario set in a familiar context.

## French

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This term, the students will:

- Talk about themselves and ask questions.
- Memorise new vocabulary relating to school and holidays.

- Write a short paragraph using accurate grammar and spelling.
- Listen to a short conversation and answer simple questions.
- Read a short text and answer various questions.

## **Arabic Second Language** -----

This term, the students will work on their reading skills to consolidate their knowledge of sentence syntax and ability to identify words. They will also work on the present and past tense conjugations.

## **Performing Arts** -----

In this unit, the students will learn about the development and conventions of minimalism. They will explore how minimalist composers use small rhythmic motifs to build a bigger piece. For practical projects, they will compose, refine, rehearse and perform own piece of minimalist music based on features used by Steve Reich in “Clapping Music”.

## **Visual Arts** -----

This half term, the students will continue with their Expressive Project. The project will be based on sea life. They will learn to:

- Observe and record accurately.
- Create realistic sketches of crushed cans.
- Create pen and wash paintings of crabs and lobsters.
- Create acrylic paint artworks of seashells.
- Plan their compositions before they begin their final artworks.
- Combine all the skills learned and create a final A3 watercolour painting.

## **Physical Education** -----

This term, the students will be investigating Health and Fitness. Students will be performing numerous tests to help them to understand their current levels of fitness and will be shown various methods of training to help improve different components of fitness. There will also be elements of movement composition in lessons – meaning students will learn body management techniques such as jumping, landing and balancing. Later in the term, there will be a focus on leadership skills, with the opportunity for some of our students to lead small groups of Primary students.