



# Britannica International School, Shanghai: Summer Term 2021, Curriculum Overview, Year 3



**Music**

**Rhythmic**

- Separate 8<sup>th</sup> notes
- SyncOpah (3 sounds over 2 beats)
- Whole note and whole rest
- 4 meter

**Melodic**

- Low la (skip below do) and Low so (step below low la)
- Tonal center (do la)
- Partner songs

**PE**

**Swimming**

- Consolidate skills from block 1.
- Swim stroke development (Freestyle/Breaststroke/Backstroke).
- Forward propulsion using freestyle and breaststroke kicking.
- Alternating paddle arms in a prone and supine position.

**Invasion Games**

- Passing, receiving and controlling a ball.
- Attacking or defending space.
- Changing speed and direction with or without possession.
- Mini-Game Play.

**Computing**

- Use search technologies effectively, appreciate how results are selected and ranked, and be discerning in evaluating digital content. Use ICT to store and sort information.
- Use logical reasoning to explain how some simple algorithms work and to detect and correct errors in algorithms and programs

**Mathematics**

- Compare and order unit fractions, and fractions with the same denominators (including on a number line).
- Count on and back in steps of 1/2, 1/4 and 1/3.
- Draw 2-D shapes and make 3-D shapes; recognise 3-D shapes in different orientations and describe them.
- Recognise angles as a property of shape or a description of a turn.
- Identify right angles, recognise that two right angles make a half-turn, three make three quarters of a turn and four a complete turn;
- Identify horizontal and vertical lines and pairs of perpendicular and parallel lines.

**English**

- Orally retell a range of stories, including less familiar fairy stories, fables and folk tales e.g. *Grimm's Fairy Tales*.
- Identify and discuss themes e.g. *good over evil, weak and strong, wise and foolish, mean and generous, rich and poor*.
- Quickly appraise a text to evaluate usefulness.
- Navigate texts in print and on screen.
- Explore and collect word families e.g. medical, medicine, medicinal, medic, paramedic, medically to extend vocabulary.

**Topic**

**Stone Age to Iron Age Science**

- Identify that animals, including humans, need the right types and amount of nutrition, and that they cannot make their own food; they get nutrition from what they eat.
- An adequate and varied diet is beneficial to health
- Regular and varied exercise from a variety of different activities is beneficial to health

**Geography**

- Compare and group together different kinds of rocks
- Describe in simple terms how fossils are formed when things that have lived are trapped within rock.
- Recognise that soils are made from rocks and organic matter

**History**

- Use some dates and historical terms when ordering events and objects.
- Demonstrate awareness that the past can be divided into different periods of time.
- Explore trends and changes over time.

**Britannica International School**

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**Mandarin**

**Non-native speakers:** Topics: animals, fruits & vegetable, fast food & snack, stationery and house & furniture. Use the Pin Yin system as a tool to identify characters and read texts; reinforce character strokes and stroke order; further expand character vocabulary with introduction of more radicals; write simple sentences in characters.

**Advanced:** Start to read and comprehend texts and stories without the help of Pinyin. Continue to write sentences using characters from memory. Topics to be covered are On Way to School, Breakfast & Eating Manner and People Around Us.

**Native speakers:** Read and comprehend the set texts without the help of Pinyin. Use the key words to understand the general idea of a text. Write simple stories from given pictures and use punctuation marks accurately.

**PSHE**

- Physical Health and Mental Wellbeing - Health choices and habits; what affects feelings; expressing feelings
- Growing and Changing - Personal strengths and achievements; managing and reframing setbacks
- Keeping Safe – Risks and hazards; safety in the local environment and unfamiliar places

**Native Language/Internationalism**

Pupils will either study their mother tongue with a native speaker or Internationalism. This term's theme will be Tolerance.



# Britannica International School, Shanghai: Summer Term 2021, Curriculum Overview, Year 4



**Music**  
**Baroque Music**

- History (time, composers, early vs late etc.)
- Playing Baroque style chord progressions.
- Other theory e.g. harmony, counterpoint, list of song types, cycle of fifths, etc.
- Instruments - guitar, strings, recorder, keyboard (harpsichord sound)
- Distinguishing features of this era

**PE**  
**Swimming**

- Consolidating skills from Block 2.
- Developing Water Skills (Underwater Swimming, Retrieving Underwater Objects, Skull Diving to different meters).
- Developing Swimming Strokes (Backstroke and Butterfly, arm strokes).
- Developing Breathing Techniques for different strokes.

**Net/Wall**  
 Sports choice: Badminton or Tennis.

- Hitting Techniques (different type of Serve/Net).
- Movement around the court (Positioning).
- Tactical Awareness.
- Rules and Regulations.
- Singles and Doubles Gameplay.

**PSHE**  
 Maintaining a balanced lifestyle  
 Physical and emotional changes  
 Medicines and household products

**Native Language/Internationalism**  
 Pupils will either study their mother tongue with a native speaker or Internationalism. This term's theme will be Peace and Charity.

**Mathematics**

- Describe positions on a 2-D grid as coordinates in the first quadrant.
- Plot specified points and draw sides to complete a given polygon.
- Describe movements between positions as translations of a given unit to the left/right and up/down.
- Read Roman numerals to 100 and know that over time, the numeral system changed to include the concept of zero and place value.
- Recognise and write decimal equivalents of any number of tenths or hundredths.
- Recognise and write decimal equivalents to  $\frac{1}{4}$ ,  $\frac{1}{2}$ ,  $\frac{3}{4}$ .
- Count backwards through zero to include negative numbers
- Solve comparison, sum and difference

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**Mandarin**

**Non-native speakers:**  
 Topics: languages, school facilities, polite instructions, time expression, daily routines.

**Native speakers:**  
 Grasp the main idea of texts through key sentences. Understand the structure of stories. Continue to write short narrative and imaginary composition with one main idea, with proper paragraphing and punctuation.

**English**

- Learn a range of poems by heart and rehearse for performance.
- Participate in discussion about what is read to them and books they have read independently, taking turns and listening to what others say.
- Listen to, read and discuss a range of fiction, poetry, plays and non-fiction in different forms
- Identify, select and effectively use pronouns.
- Use nouns for precision, e.g. *burglar* rather than *man*, *bungalow* rather than *house*.
- To create emphasis, humour, atmosphere, suspense.
- Justify responses to the text using the PE prompt (Point + Evidence).

**Computing**

Use and combine a variety of software and devices with increasing independence, to create a range of digital assets such as programs, databases, systems and multimedia content.

Use models and simulations to produce graphs and explore patterns and relationships.

**Topic**

- Describe how features and places change and the links between people and environments.
- Ask and respond to more searching geographical questions including 'how?' and 'why?'
- Express their opinions on environmental issues and recognise that other people may think differently.
- Explore links and contrasts within and across different periods of time.

**Science**

- Identify common appliances that run on electricity.
- Construct a simple series electrical circuit, identifying and naming its basic parts, including cells, wires, bulbs, switches and buzzers.
- Identify whether or not a lamp will light in a simple series circuit, based on whether or not the lamp is part of a complete loop with a battery.
- Recognise that a switch opens and closes a circuit and associate this with whether or not a lamp lights in a simple series circuit.
- Recognise some common conductors and insulators, and associate metals with being good conductors.

**Art**

**The Sound of the Orchestra:**  
 To better the students understanding of the relationship between the arts the students will be sculpting the animals represented in *Carnival of the Animals* with papier mâché.

**Print Making:**  
 Introduction to print making - Styrofoam prints



# Britannica International School, Shanghai: Curriculum Overview, Summer Term, Year 5

## English

- Short stories (with a twist)
- Autobiographies and biographies
- Poems with a theme
- Drafting and editing
- Organisational and presentational devices
- Spellings
- Making inferences
- Reading comprehensions
- SPAG weekly focus
- Cohesive devices

## Music

### Rock Music

- History and development
- Styles (rock n' roll, classic, punk, metal etc.)
- Theory (pentatonic scale, riffs, cadences, chord patterns etc.)
- Connection with other genres and fusion
- Instruments (vocals, guitar, bass, drums, keyboard)
- Modes (1<sup>st</sup>, 2<sup>nd</sup>, 3<sup>rd</sup>, 6<sup>th</sup>)
- "Hendrix chord," power chords
- Playing techniques

## Mandarin

**Level 2** Topics: languages, school facilities, polite instructions, time expression and daily routines.

**Level 3** Topics: fruits & vegetable, Chinese food, western food, food& drink and jobs.

**Advanced:** To read longer fictional and non-fictional texts on given topics without the help of Pinyin. Start to write with a clear structure including an opening paragraph and an ending paragraph.

**Native speakers:** Introduce figures of speech through selected texts.

Write imaginary stories with coherent sentences and a clear structure.

## Mathematics

- Roman numerals to 1000 (M).
- Use partitioning to double or halve any number, including decimals to two decimal places.
- Solve problems involving multiplication and division including using their knowledge of factors and multiples, squares and cubes.
- Convert 24-hour and 12-hour times, as well as solving word problems involving time.
- Use approximate equivalences between metric units and common imperial units.

## Science

### Living Things and Their Habitats Animals including Humans

- Describe the differences in the life cycles of a mammal, an amphibian, an insect and a bird.
- Describe the life process of reproduction in some plants and animals
- Spend their time planning different types of scientific enquiries to answer questions, including recognizing and controlling variables, where necessary.

## PSHE

- How can drugs common to everyday life affect health?
- How to keep well and safe
- What aspirations do we have?

## Computing

- Data handling
- Touch typing
- Using office to represent data
- Develop and change texts and information
- Further develop their computational thinking showing they can plan and decompose tasks; explain how the algorithms they write work and correct errors in their programs.



## Britannica International School Summer Term 2021 Year 5



## PE

### Swimming

- Consolidating skills from Block 1.
- Developing Water Skills (Underwater Swimming, Retrieving Underwater Objects, Skull Diving to different meters).
- Developing Swimming Strokes (Backstroke and Butterfly).
- Developing Breathing Techniques for different strokes.

### Net/Wall

Sports choice: Badminton or Tennis.

- Hitting Techniques (Serve/Smash/Net).
- Movement around the court (Positioning).
- Tactical Awareness.
- Rules and Regulations.
- Match Fitness.
- Singles and Doubles Gameplay.

## Art

### Pointillism:

The science of the eye, exploring the work of Georges Seurat and Paul Signac. Create artworks inspired by Pointillism.

### African Art:

Making African masks with papier mâché. Looking at the similarities between African art and cubism. Planning and creating papier mâché masks.

## Humanities

### Vikings

- Who were the Vikings?
- Viking warriors and invasions
- Norse mythology
- Danelaw
- Viking leaders
- Life and society
- Vikings and the Anglo-Saxons

### Natural Disasters

- Tsunamis
- Volcanoes
- Earthquakes
- Hurricanes
- Droughts
- Floods
- Climate change and natural disasters
- Recovery from natural disasters

## Native Language/Internationalism

Children will either study their mother tongue with a native speaker or Internationalism lessons.



# Britannica International School, Shanghai: Summer Term 2021, Curriculum Overview, Year 6



## Music

### World Music - Irish Music

- Instruments (Tin Whistle, guitar)
- Composition and theory (sheet music basics), {4,8,12,16} bar structures, repeats, common key signatures (G,D,C,F) and their relative minors
- Dorian and mixolydian modes

## Mathematics

### Math & The World Around Us

History of Math  
Math in Nature  
Geometry and Tessellations  
Patterns & Puzzles  
Calculator work  
Problem Solving number patterns and puzzles

### Secondary Transition

Revision of key topics and further studies in Number, Geometry, Algebra and Statistics

## Science

### Evolution and Inheritance

- Evolutionary Pioneers
- Evidence for Evolution
- Adaptation, Evolution and Human Intervention

### Living Things and their Habitats

- Classification
- The Linnaean System
- Sorting animals
- Grouping animals
- Micro-organisms

## English

### Introduction to poetry

- Defining what a poem is
- Learning a range of common structural and linguistic poetic devices
- Exploring a range of poems, identifying the poetic features and commenting on their use

### Poetry creation and speaking skills

- Using techniques already learnt, students will create their own poems
- Speaking skills, such as volume, eye contact, stress, and intonation will be taught and practised, and each student will read one of their poems to the class

## PE

### Swimming

- Consolidating skills from Block 2.
- Developing Water Skills (Underwater Swimming, Retrieving Underwater Objects, Skull Diving to different meters).
- Developing Swimming Strokes (Backstroke and Butterfly).
- Developing Breathing Techniques for different strokes.

### Net/Wall

- Sports choice: Badminton or Tennis.
- Hitting Techniques (Serve/Smash/Net).
  - Movement around the court (Positioning).
  - Tactical Awareness.
  - Rules and Regulations.
  - Match Fitness.
  - Singles and Doubles Gameplay.



# Britannica International School

## Summer Term 2021

### Year 6



## Mandarin

Level 2 Topics: languages, school facilities, polite instructions, time expression and daily routines.

Level 3 Topics: fruits & vegetable, Chinese food, western food and jobs.

Advanced: To read longer fictional and non-fictional texts on given topics without the help of Pinyin. Start to write with a clear structure including an opening paragraph and an ending paragraph.

Native speakers: Study texts with a focus on the use of detailed descriptions. Write on given topics with more detailed description and more complex sentence structures.

## Humanities

### Rocks

- Rocks and Minerals
- Rock types (sedimentary, igneous and metamorphic)
- Rock weathering processes
- The rock-cycle
- Rock formations
- Layers of soil

### Crime and Punishment Over Time

- The Roman Legacy
- Anglo-Saxon Laws and Justice
- The Torturing Tudors
- The Highway Man: Hero or Villain?
- Victorian Prisons
- Through the Ages
- 20<sup>th</sup> Century Prison reform

## Art

### Pop Art:

Famous artist from this period of time.  
Creating Pop art inspired by Pop artists.

### Op Art:

The students will learn about Op Art and the illusion of movement.  
Creating Op art inspired by Op artists.

## PSHE

### Relationships

What will change as we become more independent?  
How do friendships change as we grow?

### Native

### Language/Internationalism

Children will either study their mother tongue with a native speaker or Internationalism lessons. This term's topic is Globalisation.

## Computer Science

### Video/Sound Editor:

Understand concepts and interface of a video editing package. Create a story board.

### Introduction to Databases

Students will learn about the usefulness of databases and the different methods of collecting and collating data.

### OR

### Programming: Introduction to Scratch:

Design, write and debug programs that accomplish specific goals.