MYP1: Curriculum Document [For Parents]

MYP1 Autumn Term 1 Timetable

	9:00 – 9:45	9:45 – 10:40		11:00-11:45	11:45-12:30		13:30-14:30	14:30-15:30
MONDAY	Assembly **[CA]**	Science **[BR]**		Maths **[BR]**			Spanish **[CA]**	English **[CA]**
TUESDAY	Music **[MR]**	Reading **[CA]**	Wallscourt Farm **[MYP1]**					
WEDNESDAY	Maths **[BR]**	Art **[SHo]**		English **[CA]**			PE – Field Hockey **[BR]**	
THURSDAY	Maths **[BR]**	Ind. & Soc **[JS]**		Ind. & Soc **[JS]**	English **[CA]**		Design **[ZR]**	Science **[BR]**
FRIDAY	Tutor Time **[CA]**	Maths **[BR]**		PSHE **[MJ]**	English **[CA]**		Computing **[JT]**	Games **[BR]**

* TT Rockstars is a maths programme that has a proven track record of boosting children's fluency and recall in multiplication and division.
* Nessy programs are widely used for whole class phonics, maths, typing, reading instruction and for children who have/ or show some signs of dyslexia, dyscalculia etc.

Language Acquisition

Spanish

- Recap of talking about ourselves
- Recap of talking about our school
- Describing hair and eyes
- Describing where you live
- Describing your town
- Using ‘a’, ‘some’ and ‘many’
- Telling the time

Language and Literature

Oliver Twist:

- Victorian London
- Charles Dickens
- Workhouses and the Poor Law
- Oliver the orphan
- The undertakers
- Noah Claypole
- Going to London
- The Artful Dodger
- Dodger's London
- Analytical paragraph writing
- Fagin
- Anti-Semitism in Victorian London
- Crime and punishment in the Victorian era
- Bill Sikes
- Protagonists and antagonists
- Dramatic irony
- Foreshadowing
- Nancy and Monks
- Pathetic fallacy
- The Maylies
- Nancy's sacrifice
- Fagin's revenge
- Nancy's death
- Bill's comeuppance
- Resolutions
- Morals
- Analytical essay writing
- Introductions and conclusion
- Dickens and public execution

Arts: Visual and Performing

Music

Autumn Term 1 | A World Of Rhythm | Goals

- What is rhythm? Exploring meter, polyrhythm, ostinato and call & response using a variety of exercises and fun rhythm games.
- Learn about the unique cultural expressions of rhythm and drumming from around the world.
- Learn how to play rhythms from around the world as a group using a variety of world drums & percussion.

Autumn Term 2 | Christmas Cover Song | Goals

- Write, produce and record a cover version of a Christmas classic.

Art

The Natural World

MYP2 will build on their understanding of the formal elements of art and the colour wheel. They mill make specific reference to artists known for their depictions of the Natural World with specific reference to colour blending, choosing appropriate colours and through research and preparatory work which includes their own and various digital depictions of nature.

Key Concept: Aesthetics
Related Concept: Composition
Global Context: Personal and Cultural Expression and Exploration and Study of Nature
Statement of Inquiry: Balanced Compositions are created with an understanding of aesthetics

Physical & Health Education

Hockey

- To be able to dribble with a hockey ball.
- To be able to push pass and stop the ball.
- To be able to strike, slap and shoot.
- To be able to block and jab tackle.
- To be able to learn strategies as a team.

Assessment Format: Skills challenge to demonstrate techniques learnt.
Literacy: Communication - speaking and listening
Numeracy: Geometry - angles
Internationalism/British values: Respect & Tolerance

PSHE

Health & Wellbeing
Drugs & alcohol: Alcohol and drug misuse and pressures relating to drug use

Living in the Wider World
Digital Literacy: Online safety, digital literacy, media reliability, and gambling hooks

Design: Product & Digital Design

Unit 1: Let Me Teach You About Me

Statement of Enquiry:
Reflecting on one's identity can enable us to share perspectives

1. Introduction - What makes you, you?
2. The Design Cycle
3. Me Myself and I
4. Diving a Little Deeper
5. Designing my T Shirt
6. Creating My T Shirt
7. Evaluating My Shirt

Computing: Digital Design

Online Safety

- To be able to create a letter to their younger self telling them about Online Safety.

*To be able to create an Online Safety poster.

Clear messaging in Digital Media.

Get the message across and Poster Making.

- Choose search terms relating to a particular issue – online safety
- Use tools to copy an image into another application
- Identify key features of a good poster focusing on online safety
- Plan a poster to clearly convey a message
- Choose and download a suitable image following the theme
- Create a poster using a desktop publishing application

Brand and Creating Brand

- Modify a logo using a graphic editing program
- Choose how to combine text and graphics in a slide
- Use digital tools to provide feedback on design choices
- Plan a consistent layout for a set of slides
- Modify a logo so that it fits in with the planned slide styles
- Create a styled set of slides based on a plan

Adding Content

- Search for suitable text for slides
- Search for and add a suitable image
- Evaluate content against a rubric

Presenting

- Plan how to deliver a presentation
- Explain your work to others through a presentation
- Evaluate your work against a rubric

Sciences

Autumn 1

Physics (energy):

- Different types of energy stores
- Energy transfer between different stores
- Calculating gravitational potential energy and kinetic energy.
- Drawing energy transfer diagrams
- Thermal energy transfer
- Conduction, convection and radiation
- Preventing thermal energy transfer using insulators
- Fuel and energy resources
- Energy values of different foods in kJ.
- Calculating power in W and kW.
- Calculating domestic fuel bills.
- Calculating efficiency and drawing Sankey diagrams.

Autumn 2

Biology (cells and organisation):

- How to observe, interpret and record cell structure using a microscope.
- Similarities and differences between plant and animal cells.
- The functions of the cell wall, cell membrane, cytoplasm, nucleus, vacuole,
- mitochondria and chloroplasts.
- Diffusion in and between cells.
- Adaptations of unicellular organisms.
- Organisation of multicellular organisms.
- The structure and functions of the human skeleton.
- The interaction between skeleton and muscles.
- Function of muscles and antagonistic musicals

Maths

Number structure:

- Number operations
- Number operations with negative numbers
- Order of operations
- Factors and multiples
- Prime factors and factor trees
- Highest common factor and lowest common multiple
- Laws of indices
- Standard form and ordinary numbers

Fractions, decimals and percentages

- Simplifying fractions
- Improper fractions and mixed numbers
- Operations with fractions and mixed numbers
- Operations with decimals
- Converting between fractions, decimals and percentages
- Finding the percentage of an amount.
- Increasing and decreasing by percentages.

Key Knowledge Organisers: Algebraic Thinking; Place Value and Proportion; Application of Number; Fractional Thinking; Reasoning Number

Individuals & Societies

Unit 1

How can maps provide us with a sense of time, place and space?

Content: Introduction to IB and our approaches to learning, exploring our ATL's through maps. Understanding maps, map regression, using maps to learn about the past, understanding symbols, scale and contours, grid references, maps of geological Earth, Alfred Wegener and continental shift

Project: Researching a selected landscape via map regression in the context of planning a housing development

Assessment format: Written and illustrative task

Literacy: Written tasks

Numeracy Working with grid references, scale and contour lines

International/British values Exploring global perception through maps.

Unit 2

What can we learn from different civilisations?

Content: What is "civilisation"?, how do we find out about the past? origins, Meso-Neolithic transition, Catalhoyuk, researching civilisations of student's choice, (Egypt and Shang) philosophy and intangible culture, Athenian democracy, law and human rights, justice, belief, decline of civilisations, Roman, Incas and Voltaire. Mesopotamia and Sumerian innovation, Greek Civilisation, key characters: Heraclitus, Alexander the Great, Euclid, Socrates, Plato, Aristotle.

Project: To create a TV programme - Tomorrow's World BC. Students to explain and demonstrate an idea, invention or innovation that changed the world.

Assessment format: Film/Presentation

Literacy: Writing tasks throughout the unit

Numeracy We shall be working with negative (BC) dates

International/British values Law, justice and human rights