

YEAR 8 – SPRING TERM

	1ST HALF	2ND HALF														
ENGLISH	<ul style="list-style-type: none"> ➤ Amnesty International – 3 weeks ➤ Media – Newspapers and Advertising – 4 weeks 	➤ Another Focus or Theme of War – 6 weeks														
MATHS	<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 50%; text-align: center;">Statistics 2</td> <td style="width: 50%; text-align: center;">Analysing Statistics</td> </tr> <tr> <td colspan="2" style="text-align: center;">Year 8 End of Term Test</td> </tr> <tr> <td style="text-align: center;">Number 4</td> <td style="text-align: center;">Calculations</td> </tr> <tr> <td style="text-align: center;">G & M 4</td> <td style="text-align: center;">Measures Geometric Reasoning</td> </tr> </table>	Statistics 2	Analysing Statistics	Year 8 End of Term Test		Number 4	Calculations	G & M 4	Measures Geometric Reasoning	<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 50%; text-align: center;">Number 3</td> <td style="width: 50%; text-align: center;">Place Value & Calculations</td> </tr> <tr> <td style="text-align: center;">G & M 3</td> <td style="text-align: center;">Transformations</td> </tr> <tr> <td style="text-align: center;">Algebra 4</td> <td style="text-align: center;">Equations, Formulae and Graphs</td> </tr> </table>	Number 3	Place Value & Calculations	G & M 3	Transformations	Algebra 4	Equations, Formulae and Graphs
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SCIENCE

Atoms, Elements, Compounds

- A simple (Dalton) atomic model
- Differences between atoms, elements and compounds
- Chemical symbols and formulae for elements and compounds
- Conservation of mass in changes of state and chemical reactions

Periodic table

- The varying physical and chemical properties of different elements
- The principles underpinning the Mendeleev Periodic Table
- The Periodic Table: periods and groups; metals and non-metals
- How patterns in reactions can be predicted with reference to the Periodic Table
- The chemical properties of metal and non-metal oxides with respect to acidity
- Chemical reactions as the rearrangement of atoms
- Representing chemical reactions using formulae and equations
- Combustion, thermal decomposition, oxidation and displacement reactions
- The pH scale for measuring acidity/alkalinity, and indicators
- Reactions of acids with metals to produce a salt plus hydrogen
- Reactions of acids with alkalis to produce a salt plus water
- What catalysts do

Light

- The similarities and differences between light waves and waves in matter
- Light waves travelling through a vacuum; speed of light
- The transmission of light through materials; absorption, diffuse scattering and specular **reflection** at a surface
- Use of ray model to explain imaging in mirrors, the pinhole camera, the refraction of light and action of convex lens in focusing (qualitative); the **human eye**

Sound waves

- Frequencies of sound waves, measured in Hertz (Hz), echoes, reflection and absorption of sound
- Sound needs a medium to travel, the speed of sound in air, water and solids
- Sound produced by vibrations of objects, in loud speakers, detected by their effects on microphone diaphragm and ear drum, sound waves are longitudinal
- Auditory range of humans and animals

HISTORY	<ul style="list-style-type: none"> ➤ Henry VIII life and wives. Dissolution of Monasteries ➤ Edward VI – religious fanatic and misguided ➤ Bloody Mary – did she deserve this name? 	<ul style="list-style-type: none"> ➤ Elizabeth I – the middle way? ➤ Problems and solutions - e.g. what do I do about Mary? ➤ Spanish Armada - bias
GEOGRAPHY	<ul style="list-style-type: none"> ➤ Weather and Climate ➤ Physical Geography, geology 	<ul style="list-style-type: none"> ➤ Eco systems ➤ Physical Geography, geology
RE	<ul style="list-style-type: none"> ➤ Exploring Sikhism ➤ Key aspects – history Importance worship 	<ul style="list-style-type: none"> ➤ Exploring Sikhism ➤ Key aspects – history Importance worship
ICT	<ul style="list-style-type: none"> ➤ Prezi – Creating a presentation on topic of choice ➤ Research techniques and authenticating resources 	<ul style="list-style-type: none"> ➤ Scratch (2)
FRENCH	<ul style="list-style-type: none"> ➤ Body parts (main parts of human body/face) ➤ Illnesses ➤ Visit to doctor/pharmacy 	<ul style="list-style-type: none"> ➤ Food (1 module) Incorporating past/present tense, opinions, quantities, ordering ➤ Future tense (to aid extended writing)

PE	<ul style="list-style-type: none"> ➤ Develop technique and improve performance through HRF/SRF – Accurate Replication Performing at max levels ➤ Perform dances using advanced techniques 	<ul style="list-style-type: none"> ➤ Use range of tactics and strategies to overcome opponent (outwitting opponents)
ART	<ul style="list-style-type: none"> ➤ 4 Artists study ➤ Modular progression ➤ Exploration of style and content 	<ul style="list-style-type: none"> ➤ Colour choices – artist dependent ➤ relate colours to style and content
DT	<ul style="list-style-type: none"> ➤ Initial sketches – personal objects, modern technology ➤ Comparisons in groups 	<ul style="list-style-type: none"> ➤ Choices of objects sketched ➤ Design drawings established ➤ Soft card models constructed
FOOD TECHNOLOGY	<ul style="list-style-type: none"> ➤ Pupils work in groups to produce a display including graphics e.g. card, invitation textile e.g. present, banner, soft toy foods e.g. celebration cake etc. 	<ul style="list-style-type: none"> ➤ Pupils work in groups to produce a display including graphics e.g. card, invitation textile e.g. present, banner, soft toy foods e.g. celebration cake etc.

MUSIC		
CITIZENSHIP	<p>➤ Understand the roles played by public institutions and voluntary groups in Society, and the ways in which citizens work together to improve their communities, including opportunities to participate in school based activities</p>	<p>➤ Understand the roles played by public institutions and voluntary groups in Society, and the ways in which citizens work together to improve their communities, including opportunities to participate in school based activities</p>