

## Curriculum Overview for Year Five – Shalom Noam Primary School

### English

#### Reading

- Apply knowledge of morphology and etymology when reading new words.
- Read and discuss a broad range of genres and texts.
- Identify and discuss themes.
- Make recommendations to others.
- Learn poetry by heart.
- Draw inference and make predictions.
- Discuss authors' use of language.
- Retrieve and present information from non-fiction texts.
- Formal presentation and debates.

#### Writing

- Secure spelling including homophones, prefixes, silent letters etc.
- Use a thesaurus.
- Legible, fluent handwriting.
- Plan writing to suit audience and purpose.
- Develop character, setting and atmosphere in narrative.
- Use organisational and presentational features.
- Use consistent appropriate tense.
- Proof-reading.
- Perform own compositions.

#### Grammar

- Use expanded noun phrases
- Use modal and passive verbs
- Use relative clauses
- Use commas for clauses

### Mathematics

#### Number/calculation

- Secure place value to 1,000,000.
- Use negative whole numbers in context.
- Use Roman numerals to 1000 (M).
- Use standard written methods for all four operations.
- Confidently add and subtract mentally.
- Use vocabulary of prime, factor and multiple.
- Multiply and divide by powers of 10.
- Use square and cube numbers.

#### Geometry and measures

- Convert between different units.
- Calculate perimeter of composite shapes and areas of rectangles.
- Estimate volume and capacity.
- Identify 3-d shapes.
- Measure and identify angles.
- Understand regular polygons.
- Reflect and translate shapes.

#### Data

- Interpret tables and line graphs.
- Solve questions about line graphs.

#### Fractions and decimals

- Compare and order fractions.
- Add and subtract fractions with common denominators, with mixed numbers.
- Multiply fractions by units.
- Write decimals as fractions.
- Order and round decimal numbers.
- Link percentages to fractions and decimals.

### Science

#### Biology:

- Health and lifestyles.
- Describe changes as humans develop and mature

#### Chemistry:

- Classify materials according to variety of properties
- Understand mixtures + solution.
- Know about reversible and irreversible changes.

#### Physics:

- Understand location + interaction of Sun, Earth and Moon
- Sound.

#### **Design and Technology**

- Use research and criteria to develop products which are fit for purpose and aimed at specific groups.
- Use annotated sketches, cross section diagrams and computer aided design.
- Analyse and evaluate existing products and improve own work.
- Use mechanical and electrical systems in own products, including programming.  
Cook savoury dishes for a healthy and varied diet.

<ul style="list-style-type: none"> <li>• Use brackets, dashes + commas for parenthesis</li> <li>• Support for spelling</li> </ul> <p><b><u>Speaking and listening</u></b></p> <ul style="list-style-type: none"> <li>• Give well- structured explanations.</li> <li>• Command of Standard English.</li> <li>• Consider and evaluate different viewpoints.</li> </ul>		<p><b>Computing</b></p> <ul style="list-style-type: none"> <li>• Design and write programs to solve problems.</li> <li>• Use sequences, repetition, inputs, variables and outputs in programs.</li> <li>• Detect and correct errors in programs.</li> <li>• Understand uses of networks for collaboration and communication.</li> </ul> <p>Be discerning in evaluating digital content.</p>	
<p>Religious Education Taught through Kodesh/Jewish Studies.</p>	<p><b>Music</b></p> <ul style="list-style-type: none"> <li>• Listen to detail and recall aurally.</li> <li>• Develop an understanding of the history of music, including great musicians and composers.</li> <li>• Improvise and compose using dimensions of music.</li> <li>• Perform with control and expression solo and in ensembles.</li> </ul>	<p><b>Geography</b></p> <ul style="list-style-type: none"> <li>• Name and locate counties, cities, regions and features of UK.</li> <li>• Study a region of Europe, and of the Americas.</li> <li>• Understand biomes, vegetation belts, land use, economic activity, distribution of resources, etc.</li> </ul>	<p><b>Physical Education</b></p> <ul style="list-style-type: none"> <li>• Use running, jumping, catching and throwing in isolation and in combination and play competitive games, applying basic principles.</li> <li>• Take part in outdoor and adventurous activities.</li> <li>• Develop flexibility and control in gym, dance and athletics</li> <li>• Compare performances to achieve personal bests. Swimming proficiency at 25m.</li> </ul>
<p><b>History</b></p> <p>British History- Anglo Saxons and The Vikings. Broader History study- Ancient Greece.</p>			