Hebden Royd Curriculum Overview for Year 5

English

READING

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

Number/Calculation

Secure place value to 1,000,000

Use Roman numerals to 1000 (M)

Use standard written methods for all

Confidently add & subtract mentally

Use vocabulary of prime, factor &

Multiply & divide by powers of ten

WRITING

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

Grammar

- Use expanded noun phrases
- Use modal & passive verbs
- Use relative clauses
- Use commas for clauses
- Use brackets, dashes &
- commas for parenthesis
- Speaking & Listening

Speaking & Listening

- Give well-structured explanations
- Command of Standard English
- Consider & evaluate different
 - iewpoints Use appropriate register

Mathematics

Geometry & Measures

- Convert between different units
- Calculate perimeter of composite shapes & area of rectangles
- Use negative whole numbers in context Estimate volume & capacity
 - Identify 3-d shapes
 - Measure & identify angles
 - Understand regular polygons
 - Reflect & translate shapes

Statistics

- Interpret tables & line graphs
- Solve questions about line graphs

Fractions

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

Languages French

- Listen and engage
- Ask and answer questions
- Speak in sentences using familiar vocabulary

products.

(seasonality)

- Develop appropriate pronunciation
- Show understanding of words & phrases Appreciate stories, songs, poems & rhymes
- Broaden vocabulary
- Read French words and phrases and show understanding
- Write words and phrases from memory and adapt these to create

Art

Record observations and use them to review and revisit

Improve their mastery of techniques including drawing,

painting and sculpture with varied materials

Learn about great artists, architects and designers

Design & Technology

Use annotated sketches, cross-section diagrams & computer-aided design

Use a wide range of tools, equipment,

Cook dishes for a healthy & varied diet

materials and components ensuring

Use mechanical (Cams) in own

reinforced complex structures

• Use research & criteria to develop products which

are fit for purpose and aimed at specific groups Analyse & evaluate existing products (inc key

events and individuals) and improve own work

Understand basic grammar

Physical

Education

Use running, jumping, catching and throwing in isolation

- and in combination
- Play competitive games, applying basic principles
- Develop flexibility, strength, technique, balance & control ir gym, dance & athletics
- Perform a range of movement patterns in dance
- Take part in Outdoor & Adventurous activities
- Compare performances to achieve personal bests

Computing

- Design & write programs to solve problems
- Use sequences, repetition, inputs, variables and outputs in programs
- Detect & correct errors in programs
- Understand uses of networks for collaboration & communication
- Be discerning in evaluating digital content
- Select, use and combine a variety of software to design and create a range of programs
- Use technology safely, respectfully and responsibly, identify ways to report concerns

Geography



- Understand latitude, longitude, Equator, hemispheres, tropics, polar circles & time zones
- Understand key aspects of physical and human geography inc biomes, vegetation belts, land use, economic activity, distribution of resources, etc.
- Use 4- and 6-figure grid references on OS maps
- Use compass, maps, atlases, globes & digital mapping

Music



- Improvise & compose using dimensions of
- Listen to detail and recall aurally
- Use & understand basics of staff notation
- Develop an understanding of the history of music, including great musicians & composers

Religious

Education

Continue to follow locally agreed syllabus for RE

See the curriculum page for more details

Use square and cube numbers

four operations

Science

Complete units of work: Lifecycles, Properties and changes of materials, Animals, including humans, Earth and Space, Forces

Using the following scientific methods, processes and skills:

- Plan different types of enquiries
- Take measurements
- Report and present findings
- Record data using diagrams, keys, tables, graphs
- Use results to make predictions
- Identify scientific evidence to support/refute ideas

History

- Changes in Britain from the Stone Age to the Iron
- Ancient Greece a study of Greek life and achievements and their influence on the western world
- The legacy of Greek culture on later periods in British history, including the present day