Class 2 Autumn 1 2022 – Essential Knowledge

Geography – Study and make maps of Morley and conduct fieldwork of our local area: By the end of this unit what should children know?
Use maps (including Ordnance Survey maps) and symbols to describe the features of Morley.
Identify land use in Morley and describe key human and physical features of our immediate local area.
Use fieldwork to observe, measure, records and present the human impact on Morley (litter).
Vocabulary – Agriculture, Housing, Leisure, Litter, Ordnance Survey, Retail, Symbol,

Science – Plants: By the end of this unit what should children know?
Identify and describe the functions of different parts of a flowering plant.
How to explore the requirements of plants for life and growth (air, light, water, nutrients from the soil).
The role that flowers play in the life cycle of plants, including pollinations, seed formation and seed dispersal,
Vocabulary – Absorb, Dispersal, Function, Germination, Pollination, Reproduction, Requirements, Transportation,

Year 4 Maths - By the end of this unit what should children know?
Place Value – Represent, partition, compare and order numbers to 10,000.
Place Value - Round numbers to the nearest 10, 100 and 1000.
Addition and Subtraction – Add and subtract 1s, 10s, 100s and 1000s mentally.
Vocabulary – Compare, Estimate, Number line, Numeral, Order, Partition, Part-whole model, Place value, Represent, Round, Value,

Year 3 Maths - By the end of this unit what should children know?
Place Value – Represent, partition, compare and order numbers to 1,000.
Place Value – Find 1, 10 and 100 more and less than numbers to 1,000.
Addition and Subtraction – Add and subtract 1s, 10s and 100s mentally.
Vocabulary – Compare, Estimate, Number line, Order, Partition, Part-whole model, Place value, Represent, Value

Music - By the end of this unit what should children know?
Improvise: using the notes C, D, E.
Listening – Children discuss the power of the songs and explore its musical style, performers and instruments. Children will embed a deeper understanding of the musical concepts related to the song and find an understanding and/or connection to the song or music – Let your Spirit Fly, Colonel Bogey March,
Performing – using the glockenspiels with the notes C and D.
Vocabulary – Dynamics, Groove, Improvise, Style, Tempo

English – By the end of this unit what should children know?
How to use subordinating conjunctions to extend sentences and to recognise the main and subordinate clause.
How to vary the structure of their writing so that it is fit for purpose e.g. letter, recount.
How to summarise the main points from a text.
Vocabulary – Clause, Conclusion, Conjunction, Introduction, Main, Order, Purpose, Structure, Subheading, Subordinate, Summarise

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French – On the Move - By the end of this unit what should children know?
How to ask and give a simple address in French.
How to identify and say in French amenities and features that can be found in their own area.
Locate some key French cities on a map.
Vocabulary – Adresse, Comment, Dans, Habite, Que, Ville,

RE – What does it mean to be a Christian in Britain today? By the end of this unit what should children know?
Describe some examples of what Christians do to show their faith, making connections to a Christian belief or teaching.
How to describe two things that might be hard or a challenge to Christians in Britain today.
Describe an example of a Christian they have studied and their actions.
Vocabulary – Artefact, Belief, Communion, Community, Emotion, Faith, Mood, Spiritual, Teaching, Worship,

PHSE – Celebrating Difference: By the end of this unit what should children know?
How to recognise their own and other's emotions.
That their own behaviour can bring rewards and consequences.
Vocabulary – Achievements, Actions, Belong, Challenge, Consequences, Co-operate, Emotions, Feelings, Praise, Responsibilities, Rewards, Rights, Solutions, Support, Valued, Worries

Morley Away Curriculum - By the end of this unit what should children know?
How to be responsible for their own and other's behaviour (particularly younger students) on a whole-school visit.
The life cycle of a pumpkin plant. How a local farm grows tens of thousands of pumpkins each year so successfully.
Vocabulary – Agriculture, Biodegradable, Citizen, Cycle, Responsible,

Leaders of the Future - By the end of this unit what should children know?
How to help grow plants in a way that is sustainable for the planet, without the use of plastic.
How they can help have an impact on their immediate local environment and campaign to improve their local area.
About the life of Kathrine Johnson and how she succeeded despite discrimination.
Vocabulary – Campaign, Government, MP, Pollution, Results, Segregation, Survey, Sustainable.

Art – Landscapes: By the end of this unit what should children know?
How to plan a watercolour landscape by studying the composition of local Derbyshire landscape paintings by Iain Mackay.
Demonstrate the knowledge of visual art concepts by using them in their own work: foreground, background, middle ground, horizon line, vanishing point, vanishing line and perspective.
How to use the value element of art to create tint and shade.
Vocabulary – Background, Foreground, Horizon, Perspective, Shade, Tint, Value