Mathematics

Place Value:
-Recognise the place value of each digit in numbers up to 10 million
-Reason about the location of any number up to 10 million
-Understand the relationship between powers of 10 from 1 hundredth to 10 million
-Round any whole number to a required degree of accuracy
-Use negative numbers in context, and calculate intervals across 0

Addition and Subtraction:
-Solve addition and subtraction multi-step problems in contexts, deciding which operations and methods to use and why
-Identify common factors, common multiples and prime numbers
-Understand that 2 numbers can be related additively or multiplicatively, and quantify additive and multiplicative relationships (multiplicative relationships restricted to multiplication by a whole number).
-Multiply multi-digit numbers up to 4 digits by a two-digit whole number using the formal written method of long multiplication
-Divide numbers up to 4 digits by a two-digit number using the formal written method of long or short division where appropriate (including remainders)
-Multiply one-digit numbers with up to 2 decimal places by whole numbers
-BIDMAS – Order of Operations
-Use a given additive or multiplicative calculation to derive or complete a related calculation, using arithmetic properties, inverse relationships, and place-value understanding.
-Use estimation to check answers to calculations

Fractions, Decimals, Percentages
-Use common factors to simplify fractions
-Express fractions in a common denomination and use this to compare fractions that are similar in value.
-Compare fractions with different denominators, including fractions greater than 1, using reasoning, and choose between reasoning and common denomination as a comparison strategy
-Add and subtract fractions with different denominators and mixed numbers, using the concept of equivalent fractions
-To multiply simple pairs of proper fractions, writing the answer in its simplest form
-To divide proper fractions by whole numbers

Geography

Use maps to name and locate countries and cities of Europe.

Use latitude and longitude

RSHE

Me and My Relationships

Valuing Difference

English

Narrative: Carrie's War and Lion, Witch and Wardrobe
Setting Description – Battlefield, Diary Entry – Christmas Truce, Poetry – Invictus,
Non-Fiction: Alan Turing Biography

Grammar: Informal and formal speech, cohesion devices – adverbials, investigating connecting words and phrases, passive and active voice, subjunctives, relative clause

Reading: Inference, Retrieval and Vocabulary Skills

Art

Drawing
 ·Identify artists who have worked in a similar war to their own work
· Demonstrate a wide variety of ways to make different marks with dry and wet media
· Develop ideas using different or mixed media, using a sketchbook
· Manipulate and experiment with the elements of art: line, tone, pattern, texture, form, space, colour and shape

Textiles
 · Awareness of the potential of the uses of material
· Use different techniques, colours and textures etc when designing and making pieces of work
Local Artist: Cherry Crawford - fact file and similar piece of work

P.E.

Athletics:
Sprint with fluid style
Sustain exercise to improve stamina
Hurdle with control/rhythm
Demonstrate appropriate body positions for throwing
Improve distance from take-off to landing
Technique for different jumps
Athletics competitions

My Personal Best
Fairness
Honesty
Decision-Making
Curiosity
Encouragement
Communication
Imagination
Integrity

World War 2
Year 6
Autumn Term 2020

Design Technology

· Create 3D products using pattern pieces and seam allowance.
· Pin and tack fabric pieces together.
· Join fabrics using over se wing, back stitch, blanket stitch or machine stitching.
· Make quality products (Christmas Baubles)

History (WW2)
Place current study on timeline in relation to other studies
Use relevant dates and terms from WW2.
Sequence up to ten WW2 events on a timeline.

Religious Education (Christianity)

Creation and science: conflicting or complementary

Why do some people believe in God and some people not?

Science (Human Body/Light)

Identify and name the main parts of the human circulatory system
Recognise the impact of diet, exercise, drugs and lifestyle
Describe the ways in which nutrients and water are transported
Recognise that light appears to travel in straight lines
Use the idea that light travels in straight lines
Explain that we see things because light travels from light sources to our eyes or from light sources to objects and then to our eyes
Use the idea that light travels in straight lines to objects that cast them

Computing
(E-Safety and Information Technology)
Describe some simple ways that help build a positive online reputation.
Describe ways in which media can shape ideas about gender.
I can demonstrate how I would support others (including those are having difficulties) online.
Collect and analyse data (using Google Forms),
Design, create and edit sound

Music

Appreciate and listen to live or recorded music

History of Music