

Spring Curriculum Map for Y4

History (WWII)

- Can I ask questions about the past?
- Do I understand what is meant by the term war/world war?
- Can I tell you about some of the reasons why wars happen?
- Can I tell you when and where WWII took place?
- Can I tell you about the leaders and key events and dates of the beginning of the war?
- Can I understand the causes of evacuation and what it was like? I have used a range of resources to find out?
- I understand some of the similarities and differences between lives of children of WW2 and themselves?
- Can I use a range of sources of evidence to find out about the Blitz?
- Can I Tell you about the characteristic features of the Blitz and what type of area was most likely to be affected?
- Can I locate where bombing raids took place?

Science - Materials/group/classifying/changing states/mixing

- Can I identify properties of different materials?
- Can I talk about the difference between solids, liquids and gases
- Do I know that materials can change if mixed with other materials
- Can I identifying the changes that occur when a material is heated or cooled?
- Do I know that some changes are non-reversible and that this is sometimes useful?
- Do I know that burning materials result in new materials and that this is usually a non-reversible change
- Can I talk about reversible changes including dissolving, boiling, condensing, freezing and evaporating?
- Can I describe the water cycle and show where evaporation and condensation occur.

D.T.

- Can I design, make and evaluate a picture frame using rigid and flexible materials, after evaluating a range of existing frames.

Computing

- Can I use a variety of tools to create a program?
- Can I recognise an error in a program and debug it?
- Can I organise data in different ways?
- Can I create a hyperlink to a resource on the World Wide Web?
- Can I use the safety features of websites as well as reporting concerns to an adult?

Art (Portraying Relationships)

- Can I explore ideas and collect information about people and use this to make a double portrait that communicates their relationship?
- Can I investigate visual qualities; experiment with painting techniques to communicate ideas and experiences?
- Can I comment on differences and similarities between my own and others' work and suggest improvements to my own work?

Music

- Can I play the recorder from notation?
- Can I learn about classifying instruments by the way sounds are produced?
- Can I learn some simple beatboxing sounds?
- Can I sing a song and add beatboxing sounds?
- Can I learn about aerophones?
- Can I learn to sing partner songs?
- Can I explore the combined expressive effects of different instrument groups?
- Can I learn a verse and chorus song?
- Can I understand that melodies have phrases?
- Can I explore and understand layers and layering?
- Can I compare and contrast structure?
- Can I understand key features of minimalist structure?
- Can I play in a group?
- Can I combine sections of music in a layered structure?
- Can I rehearse and prepare for a performance?

Physical development (PE strand - gym, dance, swimming)

- Do I know how to keep myself safe in and around water?
- Can I swim 25m using a recognisable stroke?
- Can I use body actions, weight/energy to explore action words through movement, and use simple choreographic principles to create motifs through narratives?
- Can I experiment with a wide range of actions, varying spatial pattern, speed and tension, remember, practise and combine longer, more complex dance phrases, perform with timing and a sense of spatial pattern?
- Can I handle a ball, throw a ball, predicting & estimating distance and speed?
- Can I travel with and control a ball whilst changing direction and speed, estimating distance passing, receiving, timing moves?

R.E (What's it Like to be a Christian?)

- Do I know what Christians believe about God?
- Do I know about the Christian Bible?
- Do I know about the significance of Baptism and Confirmation?
- Do I know what is important to Christians?
- Can I tell you some about some of the important Christian festivals and celebrations?

SEAL / PHSE/Citizenship

Can I talk about setting and achieving goals for myself and explore my strengths and weaknesses as a learner?

English

Can I use more sophisticated connectives, (e.g. although, however, nevertheless, despite, contrary to, as well as etc).

Can I use links to show time and cause.

Can I open sentences in a wide range of ways for interest and impact?

Can I use paragraphs?

Can I spell unfamiliar regular polysyllabic words accurately and most or all of the Year 4 High Frequency Words?

Can I use apostrophes and / or inverted commas, mainly accurately?

Can I select from a range of known adventurous vocabulary for a purpose; are some of my words particularly well chosen?

Mathematics

Number - multiplication and division

Can I recall and use multiplication and division facts for multiplication tables up to 12×12 ?

Can I use place value, known and derived facts to multiply and divide mentally, including: multiplying by 0 and 1; dividing by 1; multiplying together three numbers?

Can I recognise and use factor pairs and commutatively in mental calculations?

Can I multiply two digit and three digit numbers by a one digit number using formal written layout?

Can I solve problems involving multiplying and adding, including using the distributive law to multiply two digit numbers by one digit, integer scaling problems and harder correspondence problems such as n objects are connected to m objects?

Measurement- Area

Can I find the area of rectilinear shapes by counting squares?

Fractions

Can I recognise and show, using diagrams, families of common equivalent fractions?

Can I count up and down in hundredths; recognise that hundredths arise when dividing an object by one hundred and dividing tenths by ten?

Can I solve problems involving increasingly harder fractions to calculate quantities, and fractions to divide quantities, including non-unit fractions where the answer is a whole number?

Can I add and subtract fractions with the same denominator?

Decimals

Can I recognise and write decimal equivalents of any number of tenths or hundredths?

Can I find the effect of dividing a one or two digit number by 10 or 100, identifying the value of the digits in the answer as ones, tenths and hundredths?

Can I solve simple measure & money problems involving fractions and decimals to 2 decimal places?

Can I convert between different units of measure e.g. kilometres to metres?