



Y4

ARE skills map

Y4 Science

Autumn 1: Sound	Spring 1: states of matter	Summer 1: Animals including humans
<p>I can make careful and accurate observations, including the use of standard units.</p> <p>I can use equipment, including thermometers and data loggers to make measurements</p> <p>I can set up a fair test and explain why it is fair.</p>	<p>I can ask relevant scientific questions</p> <p>I can use observations and knowledge to answer scientific questions.</p> <p>I can draw conclusions and suggest improvements.</p>	<p>I can use findings to report in different ways, including oral and written explanations, presentation.</p>
Autumn 2: Electricity	Spring 2: Living things and their habitats	Summer 2: Animals including humans
<p>I can set up a simple enquiry to explore a scientific question.</p> <p>I can gather, record, classify and present data in different ways to answer scientific questions</p>	<p>I can set up a test to compare two things.</p> <p>I can make a prediction with a reason.</p> <p>I can identify differences, similarities and changes related to an enquiry.</p>	<p>I can use diagrams, keys, bar charts and tables; using scientific language</p>

Y4 Computing

Autumn 1: software development	Spring 1: co-authors	Summer 1: toy designers
<p>I can give an on-screen robot specific instructions that takes them from A to B.</p> <p>I can make an accurate prediction and explain why I believe something will happen (linked to programming).</p> <p>I can de-bug a program.</p>	<p>I can select and use software to accomplish given goals.</p>	<p>I can experiment with variables to control models.</p>
Autumn 2: HTML editors	Spring 2: meteorologists	Summer 2: musicians
<p>I recognise acceptable and unacceptable behaviour using technology.</p>	<p>I can collect and present data.</p>	<p>I can select and use software to accomplish given goals.</p> <p>I can produce and upload a pod cast.</p>

Y4 History

Autumn 1: Liverpool	Spring 1:	Summer 1: Romans
<p>I can plot events on a timeline using centuries.</p> <p>I can use my mathematical skills to round up time differences into centuries and decades.</p> <p>I can explain how the lives of wealthy people were different from the lives of poorer people.</p>		<p>I can research what it was like for children in a given period of history and present my findings to an audience.</p> <p>I can explain how an event from the past has shaped our life today.</p>

Autumn 2: The Slave Trade	Spring 2:	Summer 2:
<p>I can explain how historic items and artefacts can be used to help build up a picture of life in the past.</p> <p>I can research two versions of an event and explain how they differ.</p>		

Y4 Geography

Autumn 1: Liverpool / River Mersey	Spring 1: Rainforests	Summer 1: Roman Chester
<p>I can carry out research to discover features of villages, towns or cities.</p> <p>I can explain the difference between the British Isles, Great Britain and the United Kingdom.</p> <p>I know the countries that make up the European Union.</p>	<p>I can collect and accurately measure information (e.g. rainfall, temperature, wind speed, noise levels etc).</p> <p>I can locate the Tropic of Cancer and Tropic of Capricorn.</p>	<p>I can plan a journey to a place in England.</p>
Autumn 2: Slave Trade	Spring 2: Brazil	Summer 2: Chester
	<p>I can explain why people may be attracted to live in cities.</p> <p>I can explain why people may choose to live in one place rather than another.</p>	<p>I can find at least six cities in the UK on a map.</p> <p>I can name and locate some of the main islands that surround the United Kingdom.</p> <p>(stand alone as part of multicultural week) I can name the areas of origin of the main ethnic groups in the United Kingdom and in our school.</p>

Y4 PE

Autumn 1: Hockey	Spring 1: Gymnastics	Summer 1: Dance
<p>I can hit a ball accurately with control.</p> <p>I can keep possession of the ball.</p>	<p>I can work in a controlled way.</p> <p>I can include change of speed and direction.</p> <p>I can include a range of shapes.</p>	<p>I can take the lead when working with a partner or group.</p> <p>I can use dance to communicate an idea.</p>

Autumn 2: Tag rugby	Spring 2: Gymnastics	Summer 2: Athletics
<p>I can catch with one hand.</p> <p>I can throw and catch accurately.</p> <p>I can vary tactics and adapt skills depending on what is happening in a game.</p>	<p>I can work with a partner to create, repeat and improve a sequence with at least three phases.</p>	<p>Athletics</p> <p>I can run over a long distance.</p> <p>I can sprint over a short distance.</p> <p>I can throw in different ways.</p> <p>I can hit a target.</p> <p>I can jump in different ways.</p> <p>Outdoor and adventurous</p> <p>I can follow a map in a (more demanding) familiar context.</p> <p>I can follow a route within a time limit.</p>

Y4 Art

Autumn 1:	Spring 1: painting rainforest animals	Summer 1:
	<p>I can use line, tone, shape and colour to represent figure and forms in movement.</p> <p>I can show facial expressions and body language in sketches and paintings.</p>	<p>(link to toy designer in ICT)</p> <p>I can integrate my digital images into my art.</p>
Autumn 2: Liverpool skyline drawings	Spring 2:	Summer 2: Roman jars
<p>I can use marks and lines to show texture in my art.</p> <p>I can show reflections in my art.</p>		<p>I can sculpt clay and other mouldable materials.</p> <p>(stand alone multicultural week artist study)</p> <p>I can print onto different materials using at least four colours.</p> <p>I can experiment with the styles used by other artists.</p> <p>I can explain some of the features of art from historical periods.</p>

Y4 Music

Autumn 1: The Beatles	Spring 1: ukulele	Summer 1: ukulele
I can identify the character in a piece of music. I can identify and describe the different purposes of music.	I can use notation to record and interpret sequences of pitches.	I can use notation to record compositions in a small group or on my own. I can explain why silence is often needed in music and explain what effect it has.
Autumn 2: ukulele	Spring 2: ukulele / Easter service	Summer 2: ukulele
I can perform a simple part rhythmically. I can improvise using repeated patterns.	I can sing songs from memory with accurate pitch.	I can begin to identify the style of work of Beethoven, Mozart and Elgar.

Y4 DT

Autumn 1:	Spring 1:	Summer 1: Roman chariots
		I can present a product in an interesting way. I can persevere and adapt my work when my original ideas do not work.

Autumn 2: Light up models	Spring 2: carnival headdresses	Summer 2: Roman banquets
I can produce a plan and explain it. I can measure accurately. I can use ideas from other people when I am designing.	I can evaluate products for both their purpose and appearance. I can evaluate and suggest improvements for my designs. I can explain how I have improved my original design.	I know how to be both hygienic and safe when using food.

Y4 MEL

Autumn 1:	Spring 1:	Summer 1:
I can name and describe a place. I can give a response using a short phrase.	I can use a bilingual dictionary or glossary to look up new words. I can write phrases from memory.	I can have a short conversation saying 3-4 things. I can read and understand a short passage using familiar language.

Autumn 2:	Spring 2:	Summer 2:
I am starting to speak in sentences.	I can name and describe an object. I can explain the main points in a short passage. I can say what I like/dislike about a familiar topic.	I can read a passage independently. I can write 2-3 short sentences on a familiar topic.