



YEAR 4 PROGRESSION STATEMENTS

A year 4 scientist			
<p>Working scientifically (Y3 and Y4)</p> <ul style="list-style-type: none">• I can ask relevant scientific questions.• I can use observations and knowledge to answer scientific questions.• I can set up a simple enquiry to explore a scientific question.• I can set up a test to compare two things.• I can set up a fair test and explain why it is fair.• I can make careful and accurate observations, including the use of standard units.• I can use equipment, including thermometers and data loggers to make measurements.• I can gather, record, classify and present data in different ways to answer scientific questions.• I can use diagrams, keys, bar charts and tables; using scientific language.• I can use findings to report in different ways, including oral and written explanations, presentation.• I can draw conclusions and suggest improvements.• I can make a prediction with a reason.• I can identify differences, similarities and changes related to an enquiry.	<p>Biology</p> <p><u>Living things and their habitats</u></p> <ul style="list-style-type: none">• I can group living things in different ways.• I can use classification keys to group, identify and name living things.• I can create classification keys to group, identify and name living things (for others to use).• I can describe how changes to an environment could endanger living things. <p><u>Animals, including humans</u></p> <ul style="list-style-type: none">• I can identify and name the parts of the human digestive system.• I can describe the functions of the organs in the human digestive system.• I can identify and describe the different types of teeth in humans.• I can describe the functions of different human teeth.• I can use food chains to identify producers, predators and prey.• I can construct food chains to identify producers, predators and prey.	<p>Chemistry</p> <p><u>States of matter</u></p> <ul style="list-style-type: none">• I can group materials based on their state of matter (solid, liquid, gas).• I can describe how some materials can change state.• I can explore how materials change state.• I can measure the temperature at which materials change state.• I can describe the water cycle.• I can explain the part played by evaporation and condensation in the water cycle.	<p>Physics</p> <p><u>Sound</u></p> <ul style="list-style-type: none">• I can describe how sound is made.• I can explain how sound travels from a source to our ears.• I can explain the place of vibration in hearing.• I can explore the correlation between pitch and the object producing a sound.• I can explore the correlation between the volume of a sound and the strength of the vibrations that produced it.• I can describe what happens to a sound as it travels away from its source. <p><u>Electricity</u></p> <ul style="list-style-type: none">• I can identify and name appliances that require electricity to function.• I can construct a series circuit.• I can identify and name the components in a series circuit (including cells, wires, bulbs, switches and buzzers).• I can draw a circuit diagram.• I can predict and test whether a lamp will light within a circuit.• I can describe the function of a switch in a circuit.• I can describe the difference between a conductor and insulators; giving examples of each.



A year 4 historian	A year 4 geographer	A year 4 artist
<ul style="list-style-type: none">• I can plot events on a timeline using centuries.• I can use my mathematical skills to round up time differences into centuries and decades.• I can explain how historic items and artefacts can be used to help build up a picture of life in the past.• I can explain how an event from the past has shaped our life today.• I can research two versions of an event and explain how they differ.• I can research what it was like for children in a given period of history and present my findings to an audience.• I can explain some of the times when Britain has been invaded.	<ul style="list-style-type: none">• I can describe how volcanoes are created.• I can locate and name some of the world's most famous volcanoes.• I can describe how earthquakes are created.• I can locate the Tropic of Cancer and Tropic of Capricorn.• I can explain the difference between the British Isles, Great Britain and the United Kingdom.• I know some countries that make up the European Union.• I can find at least six cities in the UK on a map.• I can name and locate some of the main islands that surround the United Kingdom.	<ul style="list-style-type: none">• I can show facial expressions and body language in sketches and paintings.• I can use marks and lines to show texture in my art.• I can use line, tone, shape and colour to represent figure and forms in movement.• I can experiment with the styles used by other artists.• I can explain some of the features of art from historical periods.



A year 4 designer	A year 4 musician	A year 4 sportsperson
<ul style="list-style-type: none">• I can use ideas from other people when I am designing.• I can produce a plan and explain it.• I can evaluate and suggest improvements for my designs.• I can evaluate products for both their purpose and appearance.• I can explain how I have improved my original design.• I can present a product in an interesting way.• I can measure accurately.• I can persevere and adapt my work when my original ideas do not work.• I know how to be both hygienic and safe when using food.	<ul style="list-style-type: none">• I can perform a simple part rhythmically.• I can sing songs from memory with accurate pitch.• I can improvise using repeated patterns.• 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.• I can identify the character in a piece of music.• I can identify and describe the different purposes of music.• I can begin to identify the style of work of Beethoven, Mozart and Elgar.	<p><u>Games</u></p> <ul style="list-style-type: none">• I can catch with one hand.• I can throw and catch accurately.• I can hit a ball accurately with control.• I can keep possession of the ball.• I can vary tactics and adapt skills depending on what is happening in a game. <p><u>Gymnastics</u></p> <ul style="list-style-type: none">• I can work in a controlled way.• I can include change of speed and direction.• I can include a range of shapes.• I can work with a partner to create, repeat and improve a sequence with at least three phases. <p><u>Dance</u></p> <ul style="list-style-type: none">• I can take the lead when working with a partner or group.• I can use dance to communicate an idea. <p><u>Athletics</u></p> <ul style="list-style-type: none">• I can run over a long distance.• I can sprint over a short distance.• I can throw in different ways.• I can hit a target.• I can jump in different ways.



A year 4 IT user	A safe IT user in Y3 and Y4	A safe IT user in Y3 and Y4
<p><u>Algorithms and programming</u></p> <ul style="list-style-type: none"> I can experiment with variables to control models. I can give an on-screen robot specific instructions that takes them from A to B. I can make an accurate prediction and explain why I believe something will happen (linked to programming). I can de-bug a program. <p><u>Information technology</u></p> <ul style="list-style-type: none"> I can select and use software to accomplish given goals. I can collect and present data. I can produce and upload a pod cast. <p><u>Digital literacy</u></p> <ul style="list-style-type: none"> I recognise acceptable and unacceptable behaviour using technology. 	<p><u>Knowledge and understanding</u></p> <ul style="list-style-type: none"> I understand the need for rules to keep me safe when exchanging learning and ideas online. I recognise that information on the internet may not be accurate or reliable and may be used for bias, manipulation or persuasion. I understand that the internet contains fact, fiction and opinion and begin to distinguish between them. I use strategies to verify information, e.g. cross-checking. I understand the need for caution when using an internet search for images and what to do if I find an unsuitable image. I understand that copyright exists on most digital images, video and recorded music. I understand the need to keep personal information and passwords private. I understand that if I make personal information available online it may be seen and used by others. I know how to respond if asked for personal information or feel unsafe about content of a message. I recognise that cyber bullying is unacceptable and will be sanctioned in line with the school's policy. I know how to report an incident of cyber bullying. I know the difference between online communication tools used in school and those used at home. I understand the need to develop an alias for some public online use. I understand that the outcome of internet searches at home may be different than at school. 	<p><u>Skills</u></p> <ul style="list-style-type: none"> I follow the school's safer internet rules. I recognize the difference between the work of others which has been copied (plagiarism) and re-structuring and re-presenting materials in ways which are unique and new. I can identify when emails should not be opened and when an attachment may not be safe. I can explain and demonstrate how to use email safely. I can use different search engines. <hr/> <p>A year 3/4 international speaker</p> <p><u>Spoken language</u></p> <ul style="list-style-type: none"> I can name and describe people. I can name and describe a place. I can name and describe an object. I can have a short conversation saying 3-4 things. I can give a response using a short phrase. I am starting to speak in sentences. <p><u>Reading</u></p> <ul style="list-style-type: none"> I can read and understand a short passage using familiar language. I can explain the main points in a short passage. I can read a passage independently. I can use a bilingual dictionary or glossary to look up new words. <p><u>Writing</u></p> <ul style="list-style-type: none"> I can write phrases from memory. I can write 2-3 short sentences on a familiar topic. I can say what I like/dislike about a familiar topic.