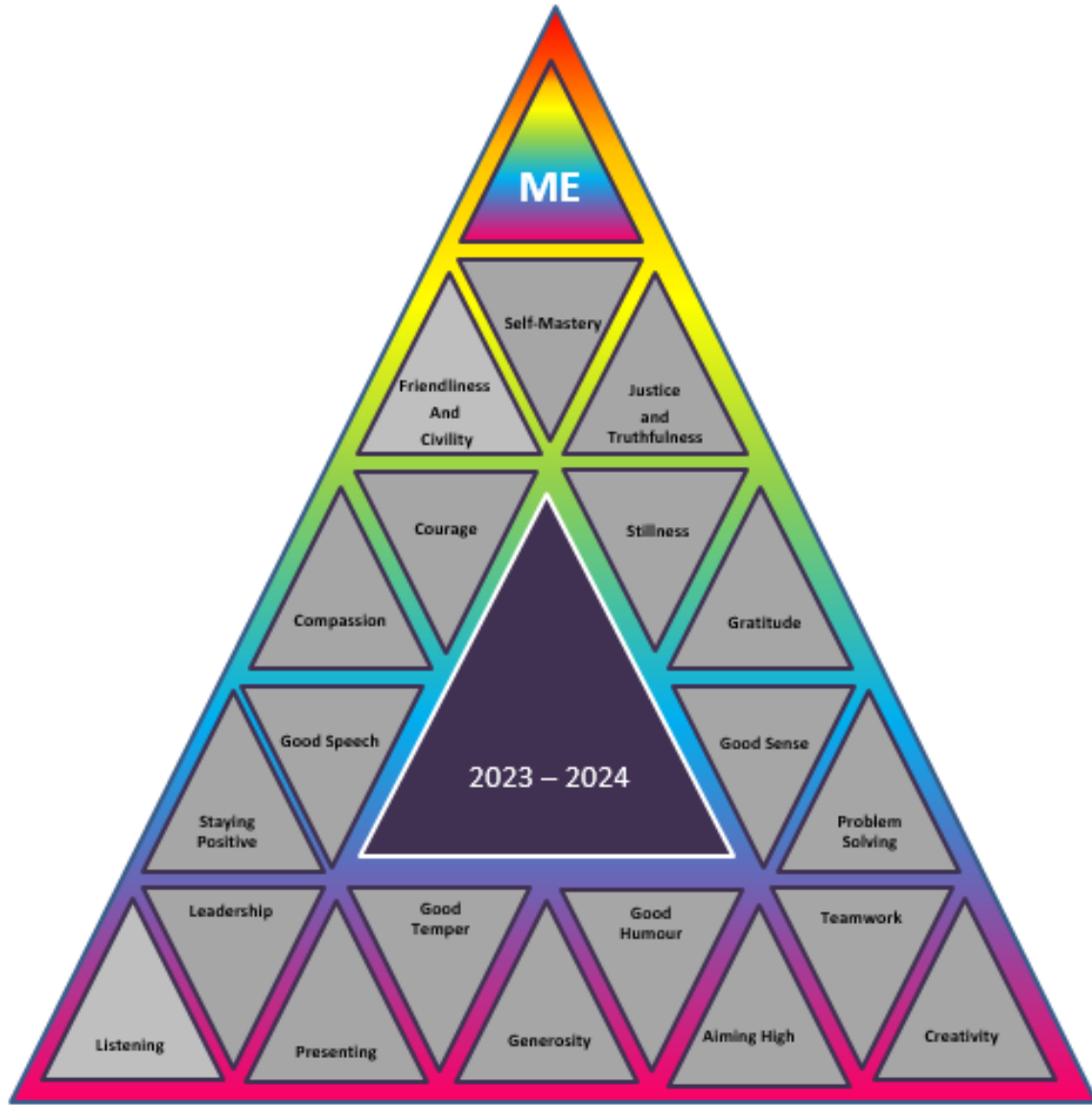


# Year 10 Homework Booklet



## I can statements from Year 9

(and for new option subjects in Year 10)

### 2023-2024

Listening; Leadership; Presenting; Aiming High; Staying Positive; Problem Solving; Creativity; Teamwork

Listening; Leadership; Presenting; Aiming High; Staying Positive; Problem Solving; Creativity; Teamwork

## English 'I Can Statements'

Date	'I Can' statements – Disciplinary Knowledge	Yes	No
11.09.23	Read, understand and respond to texts maintaining my own critical style and my own personal response and use textual references, including quotations, to support my interpretations.		
18.09.23	Analyse the language, form and structure used by a writer to create meanings and effects, using relevant subject terminology.		
25.09.23	Show understanding of the relationships between texts and the contexts in which they were written.		
02.10.23	Use a range of vocabulary and sentence structures for clarity, purpose and effect, with accurate spelling and punctuation.		
11.10.23	Communicate clearly, effectively and imaginatively, selecting and adapting tone, style and register for different forms, by organising information and ideas, using structural and grammatical features to support my writing.		
16.10.23	Identify and interpret explicit and implicit information and ideas and synthesise evidence from texts		
30.10.23	Compare writers' ideas, as well as how these are conveyed.		
	Evaluate texts critically and support this with appropriate textual references.		
Date	'I Can' statements – Substantive Knowledge	Yes	No
Of Mice and Men			
06.11.23	Use correctly selected evidence from the text and my own experiences to support my thinking and writing.		
13.11.23	Add context (social, historical, political) in to my analysis to help explain a writer's view.		
20.11.23	Explain in detail the language techniques a writer uses and explain the effect they have.		
Gothic Villains			
27.11.23	Explain how the structure of a gothic text can influence its meaning.		
04.12.23	Write my own gothic villain using literary techniques and description.		
11.12.23	Compare different writers' ideas, as well as how these are conveyed.		
Poetry from Other Cultures			
08.01.24	Write imaginatively using show me sentences to create detailed worlds		
15.01.24	Plan my ideas to structure my work effectively; I can identify strengths and weakness in my work		
22.01.24	Use varying vocabulary (spelled correctly) and correctly used sentence types in my writing.		
Society's Biggest Questions			
29.01.24	Explain what my human rights are and how they can be misused or ignored.		
05.02.24	Write a speech that persuades my audience of a particular purpose using AREFOREST techniques.		
19.02.24	Draw on my own knowledge to draw comparisons between my own life experience and the experiences of other people.		
The Lord of the Flies			
26.02.24	Use correctly selected evidence from the text and discover implicit information.		
04.03.24	Add context (social, historical, political) in to my analysis to explain the world around when the book was written and draw comparisons to my own life.		
11.03.24	Explain in detail the more challenging language techniques a writer uses and explain the effect they have on the reader.		

Date	'I Can' statements – Substantive Knowledge	Yes	No
<b>Shakespeare's Villains</b>			
18.03.24	Explain why Shakespeare has used a technique in his work and the effect it has in detail.		
25.03.24	Use key terms such as Machiavellian, hubris, hamartia and tragedy effectively in my answers.		
15.04.24	Speak about the social, historical and political context of Shakespeare explaining its influence on the play.		

## French 'I Can' Statements

Date	'I Can' statements	Yes	No
	<b>Accro à la technologie?</b>		
11.09.23	Describe old and new technology		
18.09.23	Talk about using technology for leisure activities		
25.09.23	Identify the potential dangers of social networking sites		
02.10.23	Talk about the pros and cons of new technologies		
09.10.23	Talk about favourite technology and gadgets		
	<b>Être ado, c'est quoi?</b>		
16.10.23	Discuss relationships with parents		
30.10.23	Talk about pocket money and what I do to help at home		
06.11.23	Talk about the pressures faced by teenagers and understand advice		
13.11.23	Discuss what life used to be like for teenagers		
20.11.23	Describe the life of homeless children		
	<b>Le monde des médias</b>		
27.11.23	Talk about types of television programmes		
04.12.23	Talk about musical genres and express detailed opinions of music		
11.12.23	Talk about film genres and review a film		
08.01.24	Talk about reading preferences		
15.01.24	Understand and use the language of advertising		
	<b>En pleine forme!</b>		
22.01.24	Talk about healthy eating		
29.01.24	Discuss healthy lifestyles		
05.02.24	Talk about how diet affects health		
19.02.24	Talk about resolutions to be healthier		
26.02.24	Talk about what life will be like in the future		
	<b>Rendez-vous</b>		
04.03.24	Organise a party		
11.03.24	Suggest activities and make excuses		
18.03.24	Talk about a festival or special event that I've been to		
25.02.24	Communicate with people in formal situations		
15.04.24	Talk about traditions and festivals		
	<b>Chez moi, ça veut dire quoi?</b>		
22.04.24	Describe what type of home you live in		
29.05.24	Describe rooms in a house		
06.05.24	Describe a bedroom, items in it and their location		
13.05.24	Describe the type of home you would like to have		
20.05.24	Describe places in detail and express how you feel about them		

## Spanish 'I Can' Statements

Date	'I Can' statements	Yes	No
	<b>1 Somos Asi</b>		
11.09.23	Say what I like and don't like.		
	Ask someone what they like/dislike.		
	Use the present tense of ir, hacer and ser correctly.		
	Use expressions of frequency		
18.09.23	Say what I do on different days		
	Ask someone about their week		
	Use the present tense of regular verbs		
25.09.23	Say what type of film I am going to see		
	Say whether I want to go		
	Say what type of films I like		
	Use the indefinite or definite article		
02.10.23	Use the near future tense		
	Say who I celebrated my birthday with		
	Say where I / we went		
	Say what I / we did there		
09.10.23	Say what I thought about it		
	Use the preterite of regular verbs		
	Use the preterite of ir and ser		
16.10.23	Use sequencers		
	Say why I am famous		
	Say how I all began		
	Say what I am going to do in the future		
	Interview a famous person		
30.10.23	Use the present and preterite of hacer		
	Use three tenses together		
	Use listening strategies: make predictions before listening, listen for clues in background noises, listen for indirect information, listen for time markers and tenses		

## Spanish 'I Can' Statements

Date	'I Can' statements	Yes	No
	<b>2 !Oriéntate!</b>		
06.11.23	Say what job I do		
	Say what I have to do at work		
	Give an opinion about my job		
	Give reasons		
13.11.23	Use tener que + infinitive		
	Say what job I would like to do		
	Say what I think I am like		
	Give details about my ideal job		
20.11.23	Use correct adjective agreement		
	Say what I am going to do in the future		
	Say what the future will be like		
	Use the present and the near future tense		
27.11.23	Use fillers to help me sound more Spanish		
	Describe a typical day at work		
	Say why I decided to do my job		
04.12.23	Say what qualities are important for my job		
	Say why languages are important		
	Use the present, preterite and near future tenses		
11.12.23	Use reference materials to check spelling, accents, gender and verbs		
	Understand the pitfalls of online translation tools		
	Choose the correct word when looking up words		
	Skim a text for gist before trying to understand the detail		
	Scan a text to find a specific piece of information		
	<b>3 En Forma</b>		
08.01.24	Use the 'four Cs' to understand authentic texts in detail		
	Say what foods I like and don't like		
	Say how often I eat something		
	Ask how often someone eats something		
15.01.24	Use direct object pronouns		
	Say what sports I do / play and how often		
	Say what sport I prefer		
	Use stem-changing verbs		
22.01.24	Talk about daily routine		
	Use reflexive verbs		
	Say what you/one must (not) do		
	Agree or disagree with advice		
29.01.24	Use (no) se debe with an infinitive		
	Say what's wrong with me		
	Use me duele(n)		
	Use estar for temporary states		
05.02.24	Give developed spoken answers about fitness and routine		
	Add complexity and interest to my sentences		
	Avoid lists and repetition		
	Respond confidently to unprepared questions		

## Spanish 'I Can' Statements

Date	'I Can' statements	Yes	No
<b>4 Jóvenes en acción</b>			
19.02.24	Say what rights I have as a child		
	Discuss children's lack of rights		
	Use the verb poder with an infinitive		
	Use adjectives of nationality		
04.03.24	Discuss workers' conditions		
	Talk about fair trade		
	Use the third person singular and plural		
	Express my point of view		
11.03.24	Say how we should help the environment		
	Say what 'green' things we have done		
	Say what 'green' things we do now		
	Use se debería / no se debería with an infinitive		
	Use complex sentences with para + infinitive		
18.03.24	Say what a town used to be like		
	Say what it is like now		
	Say what is going to happen		
	Use the imperfect tense		
	Use the correct tense when translating into English		
25.03.24	Write about raising money for charity		
	Choose the correct Spanish word in a dictionary		
	Read complex texts about world issues		
	Use the 'four Cs' to understand the detail of a text and work out the meaning of new words		
<b>5 Una aventura en Madrid</b>			
15.04.24	Meet and greet people		
	Ask for or say what I want to do		
	Use expressions with tener		
22.04.24	Talk about a treasure hunt		
	Say what I/you/we have to do		
	Use the superlative		
29.04.24	Say who I want to buy a souvenir for		
	Discuss what I am going to buy		
	Use shopping language		
06.05.24	Recognise the polite form of address		
	Use the comparative		
	Use correct word order when translating into English		
13.05.24	Say what I will do in Madrid		
	Say what I will do depending on the weather		
	Use the simple future tense		
	Say the right thing in different social situations		
	Cope in a conversation by: asking someone to repeat, explain, etc., using nonverbal ways to get my meaning across (mime, pointing, drawing, acting)		
	Access more challenging texts by: not stopping to look up every word I do not know, only looking up words I need to understand to do the task, skimming through a text first before re-reading it for detail		

## Science 'I Can' Statements

Date	'I Can' statements	Yes	No
11.09.23	<b>Biology:</b> State the organelles in plant and animal cells and those only in plant cells and explain the structure of organelles is related to its function		
	<b>Chemistry:</b> Define the terms element, compound and mixture and name compounds of elements from given formulae or symbol equations		
	<b>Physics:</b> describe ways in which energy can be stored and transferred.		
18.09.23	<b>Biology:</b> describe how microscopy techniques have developed over time and recall and apply the magnification equation		
	<b>Chemistry:</b> Write word equations for reactions and write formulae and balanced chemical equations		
	<b>Physics:</b> State the law of conservation of energy. Describe energy changes in a closed system		
25.09.23	<b>Biology:</b> Describe the structure of bacterial cells and compare eukaryotic and prokaryotic cells		
	<b>Chemistry:</b> Explain describe how to obtain a pure dry sample of crystals of a salt		
	<b>Physics:</b> Describe how work and energy are related. Calculate the work done by a force		
02.10.23	<b>Biology:</b> Describe and explain the structure and roles of specialised cells		
	<b>Chemistry:</b> Explain how distillation and chromatography work		
	<b>Physics:</b> Describe gravitational and potential energy and apply the equations for GPE and KE to calculate energy changes		
09.10.23	<b>Biology:</b> Describe what happens during osmosis and diffusion		
	<b>Chemistry:</b> Describe models of the atom over time and explain the evidence that Rutherford published		
	<b>Physics:</b> Describe what is meant by the terms useful and wasted energy and what happens to the wasted energy. Calculate the efficiency of energy transfers.		
16.10.23	<b>Biology:</b> describe what happens in active transport and where active transport occurs		
	<b>Chemistry:</b> Recall the mass and charges of subatomic particles. Calculate the number of each subatomic particle in an atom. Calculate the RFM of a compound		
	<b>Physics:</b> Describe energy transfers in household electrical appliances		
30.10.23	<b>Biology:</b> Describe the stages of the cell cycle		
	<b>Chemistry:</b> Describe how elements are arranged in the historic and modern periodic table		
	<b>Physics:</b> Calculate the efficiency of an appliance in terms of power and the power wasted by an appliance		
06.11.23	<b>Biology:</b> Describe what a stem cell is and give examples in plants and animals. Explain the steps in therapeutic cloning and the advantages and disadvantages of this technique		
	<b>Chemistry:</b> Describe, explain and predict properties of group 1 and 7 elements		
	<b>Physics:</b> Describe how to determine SHC by experimentation. Apply the heat capacity equation on the physics equation sheet to calculate temperature change and change in thermal energy.		
13.11.23	<b>Biology:</b> Define cell, tissue, organ and organ system and recall organs in the digestive system		
	<b>Chemistry:</b> Explain the properties of ionic compounds and refer to ionic bonding		
	<b>Physics:</b> Calculate the changes in energy involved when a system is changed by: <ul style="list-style-type: none"> <li>• Heating</li> <li>• Work done by forces</li> <li>• Work done when current flows</li> </ul>		



## Science 'I Can' Statements

Date	'I Can' statements	Yes	No
20.11.23	<b>Biology:</b> Describe the roles of the organs in the digestive system and explain how to test for foods for carbohydrates, fats and proteins		
	<b>Chemistry:</b> Explain the properties of covalent compounds with reference to covalent bonding, including construction of dot and cross diagrams		
	<b>Physics:</b> Describe how our homes are heated and how you can reduce the rate of energy transfer from your home including the use of cavity wall insulation		
27.11.23	<b>Biology:</b> Recall where digestive enzymes are made and describe the lock and key model of enzyme function		
	<b>Chemistry:</b> Describe and explain the properties of allotropes of carbon including fullerenes and graphene		
	<b>Physics:</b> Describe how energy demands are met and the fuels that are used to generate electricity		
04.12.23	<b>Biology:</b> Describe how to investigate how pH affects amylase		
	<b>Chemistry:</b> Describe the properties of metals with reference to metallic bonding		
	<b>Physics:</b> Describe the use of renewable resources for electricity generation		
11.12.23	<b>Biology:</b> Explain how factors can affect enzymes		
	<b>Chemistry:</b> Interpret balanced symbol equations		
	<b>Physics:</b> Describe the environmental impact of energy resources		
09.01.24	<b>Biology:</b> Identify the parts of the blood and explain why it is a tissue		
	<b>Chemistry:</b> Calculate relative formula masses of substances using the idea of conservation. Calculate means, ranges and uncertainty.		
	<b>Physics:</b> Recall the symbols for circuit components, Use the $V=IR$ equation, Describe how to investigate the effect of length of wire on resistance		
15.01.24	<b>Biology:</b> Describe the gross structure of the heart and the double circulatory system		
	<b>Chemistry:</b> Interpret balanced symbol equations		
	<b>Physics:</b> Describe how to investigate resistors in series and parallel, Describe the pattern of current and p.d. in an ohmic conductor, filament lamp and diode		
22.01.24	<b>Biology:</b> Describe and evaluate treatments for coronary heart disease		
	<b>Chemistry:</b> Calculate masses in an equation using the number of moles and balanced symbol equations		
	<b>Physics:</b> Describe patterns of PD, current and resistance in series and parallel		
29.01.24	<b>Biology:</b> Describe the structures and adaptations of the breathing system		
	<b>Chemistry:</b> Describe what concentration is. Calculate using the concentration = mass / volume equation		
	<b>Physics:</b> Recall the frequency and p.d. of mains supply in the UK, Explain the difference between direct and alternating p.d., Describe the roles of wires in a three-core cable		
05.02.24	<b>Biology:</b> Describe the structure of a leaf and explain how the structure of plant tissues are related to their job.		
	<b>Chemistry:</b> Explain what happens in oxidation and reduction. Describe reactions of metals with water and acid and relate these reactivity to the tendency of the metal to form its positive ions. Deduce an order of reactivity using practical results.		
	<b>Physics:</b> Describe the National Grid, including the role of transformers and explain why it is an efficient way to transfer energy		

## Science 'I Can' Statements

Date	'I Can' statements	Yes	No
19.02.24	<b>Biology:</b> Describe what happens in transpiration and the factors that affect its rate		
	<b>Chemistry:</b> Describe how metals can be extracted using the blast furnace and electrolysis		
	<b>Physics:</b> Explain changes of state as physical changes, including how heating changes internal energy		
26.02.24	<b>Biology:</b> Describe what happens in translocation		
	<b>Chemistry:</b> Describe oxidation and reduction in terms of electrons. Write ionic half equations for displacement reactions. Identify in a given reaction, symbol equation or half equation which species are oxidised and which are reduced		
	<b>Physics:</b> Define latent heat and interpret heating and cooling graphs, apply the specific latent heat equation		
04.03.24	<b>Biology:</b> Recall the symptoms and causes of a range of plant and animal viruses including measles, HIV and TMV		
	<b>Chemistry:</b> Recall the products of the reaction between an acid and a metal, deduce the names and formulae of salts		
	<b>Physics:</b> Describe what gas pressure is, Explain how gas particle motion relates to temp and pressure, Calculate using the pressure equation		
11.03.24	<b>Biology:</b> Recall the symptoms and causes and prevention methods for salmonella and gonorrhoea		
	<b>Chemistry:</b> Describe what happens in neutralisation reactions and describe how to make pure, dry crystals of a salt formed in these reactions		
	<b>Physics:</b> Calculate the density of a material, Explain the density of materials using the particle model, Describe techniques for determining the density of materials		
18.03.24	<b>Biology:</b> Describe non-specific and specific body defences		
	<b>Chemistry:</b> Describe the difference between strong and weak acids. Describe the pH scale and the numerical link between pH and H <sup>+</sup> concentration		
	<b>Physics:</b>		
25.03.24	<b>Biology:</b> Explain how antibodies work		
	<b>Chemistry:</b> Describe the process of electrolysis, including the products formed at the anode and cathode and the role of electrolysis in the extraction of metals		
	<b>Physics:</b> Describe the arrangement of subatomic particles in an atom, describe how electron arrangements might change, describe what an isotope is		
15.04.24	<b>Biology:</b> Explain what a vaccine is, how it works and evaluate the use of vaccines in the prevention of disease		
	<b>Chemistry:</b> Recall what conservation of energy means. Describe what happens in an endothermic reaction and exothermic reaction in terms of energy. Recall examples of endo and exothermic reactions		
	<b>Physics:</b> Describe models of the atom over time, explain the results of Rutherford's experiments		
22.04.24	<b>Biology:</b> Describe what antibiotics and painkillers are and the problem of antibiotic resistance		
	<b>Chemistry:</b> Describe how to measure temperature changes in a reaction and the variables that can affect temperature change. Draw and label reaction profiles for endo and exothermic reactions to include labelling activation energy.		
	<b>Physics:</b> Describe the process of radioactive decay including how it is measured, describe the types of nuclear radiation		
29.05.24	<b>Biology:</b> Recall where drugs traditionally come from and describe the stages of drug development		
	<b>Chemistry:</b> Draw tangents to curves and use them to calculate the rate of a reaction		
	<b>Physics:</b> Evaluate the best sources of radiation to use in a situation,		

## Science 'I Can' Statements

Date	'I Can' statements	Yes	No
06.05.24	<b>Biology:</b> Describe what cancer is and recall its risk factors. Explain the difference between benign and malignant tumours		
	<b>Chemistry:</b> Describe factors that affect the rate of a reaction		
	<b>Physics:</b> Explain changes in atomic number and mass during decay and interpret nuclear equations		
13.05.24	<b>Biology:</b> Describe the effects of smoking on health		
	<b>Chemistry:</b> Describe collision theory and use it to predict how rates of reaction can change		
	<b>Physics:</b> Recall that radioactive decay is random, Describe what half-life is, Calculate half-life and net decline in activity, Compare the hazards of contamination and irradiation		
20.05.24	<b>Biology:</b> Describe the effects of diet and exercise on health		
	<b>Chemistry:</b> Describe what a catalyst is and explain how catalysts increase rates of reaction		
	<b>Physics:</b> Describe what a scalar and vector quantities are, Describe the forces involved in interactions between objects		
03.06.24	<b>Biology:</b> Describe the effects of alcohol and other carcinogens on health		
	<b>Chemistry:</b> Interpret reaction profiles showing catalysts		
	<b>Physics:</b> Calculate the weight of an object, Explain the concept of 'centre of mass' and calculate the resultant forces acting on an object		
10.06.24	<b>Biology:</b> Recall the equation for photosynthesis and describe what happens during photosynthesis		
	<b>Chemistry:</b> Describe what a reversible reaction is and what happens at equilibrium		
	<b>Physics:</b> Use vector diagrams to determine a resultant force, Calculate the work done by a force		
17.06.24	<b>Biology:</b> Explain why photosynthesis is an endothermic reaction and describe the factors that affect the rate of photosynthesis		
	<b>Chemistry:</b> Explain what Le Chatelier's principle is and use it to predict the effect of changing concentration, temperature and pressure on equilibrium		
	<b>Physics:</b>		

## Maths 'I Can' Statements

Date	'I Can' statements	Yes	No
<b>Indices and Standard Form</b>			
11.09.23	Calculate indices involving multiplication and division		
	Calculate indices involving brackets		
	Calculate indices involving algebra		
	Understand how to simply negative indices		
	Convert numbers into standard form		
18.09.23	Convert numbers into ordinary numbers		
	Multiply numbers in standard form		
	Convert numbers into standard form with negative indices		
<b>Expression and Formulae</b>			
25.09.23	Write expressions using algebraic notation		
	Simplify expressions		
	Collect like terms with index laws		
02.10.23	Substitute into simple expressions		
	Substitute into expressions involving indices		
	Rearrange formulae		
	Expand 2 separate single brackets and simplify expressions		
09.10.23	Expand double brackets and simplify		
	Factorise into single brackets		
	Factorise into double brackets		
16.10.23	Set up and solve simple equations		
	Solve one-sided equations (unknown on one side)		
	Solve two-sided equations (unknown on both sides)		
<b>Data</b>			
30.10.23	Find the mean, median, mode and range of a list of data		
06.11.23	Find averages and range from a frequency table		
	Draw scatter diagrams, including drawing a line of best fit to make predictions		
	Recognise correlation of scatter diagrams and know that it does not indicate causation		
	Draw and interpret pie charts		
13.11.23	Draw and interpret stem and leaf diagrams to find averages/range		
	Design questionnaire, data collection sheet/two way table		
	Draw and interpret bar charts and pictograms		
20.11.23	Draw and interpret time series graphs		
27.11.23	Compare data from different representations		

## Maths 'I Can' Statements

Date	'I Can' statements	Yes	No
	<b>Multiplicative Reasoning</b>		
04.12.23	Draw and measure line segments and angles in geometric shapes		
	Construct congruent triangles		
	Construct similar shapes by enlargement		
	Enlarge a shape and describe enlargement including the centre of enlargement		
	Enlarge a shape with a negative scale factor		
11.12.23	Calculate a percentage of a quantity		
	Find the outcome of a given percentage increase or decrease		
08.01.24	Calculate reverse percentage and percentage change		
	Solve worded real-life problems involving percentages		
15.01.24	Calculate simple interest		
	Calculate compound interest		
22.01.24	Solve problems involving speed, distance and time		
	Solve problems involving unit pricing		
	<b>Constructions</b>		
29.01.24	Read and construct scale drawings		
	Measure and write bearings		
	Draw bearings accurately to solve real-life problems		
	Construct triangles using ruler and compasses or protractor		
05.02.24	Construct the perpendicular bisector of a line		
19.02.24	Construct the perpendicular from a point on a line		
26.02.24	Construct the bisector of an angle		
	Know that the perpendicular distance from a point to a line is the shortest distance to the line		
	Draw plans and elevations given 3-D shapes		
	Draw a sketch of the 3-D shape given plans and elevations		
	<b>Sequence, Inequalities, Equation &amp; Proportion</b>		
04.03.24	Understand what is meant by the term inequality and show them on a number line		
	Solve an inequality with terms on both sides		
	Generate and describe sequences using a term-to-term rule		
	Generate sequences using nth term formula by substitution		
	Find the nth term formula of a linear sequence		
11.03.24	Find the nth term formula of patterns		
	Recognise geometric sequences		
	Recognise quadratic sequences		
18.03.24	Identify direct and inverse proportional graphs		
	Form the direct proportion formulae		
	Form the inverse proportion formulae		
	Solve worded problems on direct and inverse proportion		
	<b>Circle, Pythagoras &amp; Prisms</b>		
15.04.24	Identify all the different parts of a circle		
	Calculate the circumference and area of a circle		
	Calculate the area of composite shapes		
	Apply angle facts, triangle congruence and similarity to find missing angles in shapes		
22.04.24	Use Pythagoras theorem to find missing sides in right angled triangles		
29.04.24	Use trigonometry to find missing sides and angles in right angled triangles		

## Maths 'I Can' Statements

Date	'I Can' statements	Yes	No
06.05.24	Use trigonometry to find missing sides and angles in right angled triangles		
13.05.24	Calculate the volume of 3D shapes		
20.05.24	Calculate the surface area of 3D shapes		
<b>Graphs</b>			
03.06.24	Substitute positive and negative numbers into expressions, including powers		
	Substitute into a formula		
	Solve real-life worded problems involving formula		
	Derive a formula (e.g. area or perimeter from a diagram)		
10.06.24	Draw linear graphs given its equation in different forms		
	Know linear equations give straight line graphs		
	Find the equations of horizontal and vertical lines i.e. $y=?$ and $x=?$		
17.06.24	Know what the gradient (m) and intercept (c) are and find them from the equation of a line		
	Find the equation of a line in the form $y=mx + c$ given its gradient and intercept.		
	Find the coordinates of the midpoint of a line segment		
<b>Probability and Comparing Shapes</b>			
01.07.24	Use the probability scale		
08.07.24	Find the probability of an event		
	Identify outcomes and know sum of probabilities of these is 1		
	Calculate probability from a two-way table		
15.07.24	Find expected number of times event will occur		
	Calculate and use relative frequency		
	Draw and interpret venn diagrams		
	Calculate probabilities from venn diagrams		

## Geography 'I Can Statements'

Date	'I Can' Statements – Disciplinary Knowledge	Yes	No
11.09.23	use maps and atlases proficiently, using them to compare and contrast physical and human features of the Earth		
18.09.23	use OS maps to recognise and describe a variety of geographical locations, making accurate use of techniques such as direction, scale, co-ordinates, and relief		
25.09.23	use geographical charts, in particular choropleth maps, to compare and geographical statistics in different locations, using mean and range) to draw valid conclusions		
02.10.23	use a variety of Geographical Information Systems (GIS), to recognise different of geographical features and analyse how they have changed over time		
09.10.23	use fieldwork skills to carry out a geographical investigation, reaching a conclusion about the outcomes and considering areas for potential improvement in data collection		
Date	'I Can' Statements – Substantive Knowledge	Yes	No
30.10.23	understand the features of global marine biomes such as seas and oceans		
04.12.23	explain the threats man posed to marine environments by man, as well as the potential management solutions		
11.12.23	describe the different types of coastal processes, in particular erosion		
08.01.24	describe the different types of coastal landforms, in particular headlands and bays		
15.01.24	understand the opportunities offered by coastal locations to man		
22.01.24	explain what a glacier is and how they move and erode		
29.01.24	describe and explain the features of glacial landscapes in Britain (the Lake District)		
05.02.24	explain the opportunities offered by glacial landscapes to man		
19.02.24	understand the threats posed to glaciers caused by global climate change		
26.02.24	describe the main features of river drainage basins and how they change due to erosion		
04.03.24	describe and explain the physical and human causes of river flooding		
11.03.24	describe and explain the environmental and economic effects of river flooding		
18.03.24	describe and explain the possible solutions to river flooding		
25.03.24	explain the location of areas of water deficit globally		
15.04.24	Describe what is meant by an impossible place in terms of water supply		
22.04.24	describe and explain the physical and climatic features of Las Vegas, and how it has adapted to its water shortage		
29.05.24	describe and explain the physical and climatic features of Dubai, and how it has adapted to its water shortage		
06.05.24	locate the different global climatic zones, and understand how they are affected by patterns of atmospheric circulation		
13.05.24	describe and explain Britain's climate and understand why there are variations within it, and how it is changing		
20.05.24	analyse the causes of long term and man-made climate change, and understand how they can be evidenced		
03.06.24	explain the effects of climate change at a global level		
10.06.24	describe and explain the causes, effects and potential management of extreme low pressure weather systems		
17.06.24	describe and explain the causes, effects and potential management of extreme high pressure weather systems		
24.06.24	compare the management of the effects of storms and droughts in MEDCs and LEDCs		

## History 'I Can Statements'

Date	'I Can' Statements – Disciplinary Knowledge	Yes	No
11.09.23	plan and carry out your own research into an historical problem or question using sources and historical works to support my learning.		
18.09.23	1) Explain why a source is or isn't useful or reliable 2) Explain what the source suggests as well as says 3) Identify criteria for making a judgment on reliability of an interpretation		
24.09.23	analyse and reach a judgement on the cause and effect of change and continuity across specific timeline		
02.10.23	analyse and reach a judgement on the significance of events, people and features of the past		
09.10.23	analyse different features of the past and justify my judgment with a clear and coherent line of reasoning		

Date	'I Can' Statements – Substantive Knowledge	Yes	No
30.10.23	explain what life was like in the factories during the 19 <sup>th</sup> century		
04.12.23	explain what housing looked like in Britain in the 19 <sup>th</sup> century and what issues this created – crime and poverty		
11.12.23	explain the role of the hat trade in Luton's history		
08.01.24	explain problems with Britain's political system in the early 19 <sup>th</sup> century		
15.01.24	explain the legacy of the Peterloo Massacre, 1819		
22.01.24	explain the impact of the 1832 Reform Act		
29.01.24	explain how groups such as the Chartists and Anti-Corn Law League campaigned for political reform		
05.02.24	explain aspects of social class and society in 19 <sup>th</sup> and early 20 <sup>th</sup> century Britain		
19.02.24	explain the role of the Suffragettes and Suffragists and how they campaigned for political reform		
26.02.24	explain the background and international context prior to 1914		
04.03.24	explain reasons for the outbreak of war in 1914		
11.03.24	explain what life was like on the Western and Home Front during WW1		
18.03.24	explain what the international situation was between 1914 and 1918 – what was the Treaty of Versailles		
25.03.24	explain how Hitler rose to power in the 1930s in Germany		
15.04.24	explain life in Britain during WW2		
22.04.24	explain the role of women at Bletchley Park and how they helped break the Enigma Codes		
29.04.24	explain what the Holocaust was and explain its historical significance		
06.05.24	explain reasons underpinning the end of WW2 and identify some consequences of the end of this conflict		



## RS 'I Can Statements'

Date	'I Can' Statements	Yes	No
10.09.23	suggest meanings of biblical concepts and texts to do with wisdom, suffering, evil and the meaning of life		
18.09.23	give reasons and examples to explain the range of ways Christians respond to and are influenced by Bible texts about meaning in life, suffering and wisdom		
25.09.23	explain some causes of prejudice and some ideas about what reduces prejudice, using religious texts and beliefs to explain how prejudice might be reduced		
02.10.23	explain some of the contributions of inspirational people and groups in overcoming barriers		
09.10.23	explain the differences between absolute and relative morality and what difference they make to how people decide what is right and wrong		
30.10.23	explain how and why people use and make sense of different sources of authority in deciding how to live		
04.12.23	show how some religious and nonreligious ideas, beliefs and teachings guide people in making moral decisions		
11.12.23	give reasons and examples to explain why people come to different views on moral issues		
08.01.24	suggest meanings of the texts studied, and how they challenged religious and political authorities		
15.01.24	give reasons and examples to explain how far Christians respond to the teaching of Jesus		
22.01.24	explain how Christians use Jesus' teaching to guide their actions / behaviour		
39.01.24	explain and interpret reasons why a plural society in our region of the UK is sometimes seen as a good thing and sometimes raises problems		
05.02.24	use religious vocabulary, texts and concepts to explain attitudes of respect and fairness, or prejudice and inequality		
29.02.24	show how some religious and non-religious beliefs and teachings can affect attitudes to our plural society		
26.02.24	raise and research questions and explanations about how to make Luton and Bedfordshire places where respect for all can flourish		
04.03.24	compare and explain different ways to happiness (e.g. Christian, Buddhist and non-religious)		
11.03.24	explain how people use different sources of authority in deciding what the purpose of life is		
18.03.24	show how beliefs and teachings can affect people's views on whether or not it is important to achieve happiness		
25.03.24	suggest meanings of biblical concepts and texts to do with wisdom, suffering, evil and the meaning of life		
15.04.24	give reasons and examples to explain the range of ways Christians respond to and are influenced by Bible texts about meaning in life, suffering and wisdom and the key concepts studied		

## Business 'I Can' Statements

	'I Can' statements	Yes	No
11.09.23	I can explain why new business ideas come about		
18.09.23	I can explain how new business ideas come about		
25.09.23	I can explain the impact of risk and reward on a business		
02.10.23	I can explain the role of business enterprise and the purpose of business		
09.10.23	I can explain the role of an entrepreneur		
16.10.23	I can identify and understand customer needs		
30.10.23	I can explain the purpose of market research		
06.11.23	I can explain the methods of market research		
13.11.23	I can use different types of market research		
20.11.23	I can explain how segmentation is used to target different customers		
27.11.23	I can assess how the competitive environment will impact on a business		
04.12.23	I can explain how aims and objectives differ		
11.12.23	I can calculate revenue, costs and profit		
08.01.24	I can calculate interest		
15.01.24	I can draw and interpret break even graphs		
22.01.24	I can assess the importance of cash to a business		
29.01.24	I can calculate cash-flow		
05.02.24	I can explain and assess the different methods of finance for a business		
19.02.24	I can describe the different types of ownership		
26.02.24	I can assess the most appropriate type of ownership		
04.03.24	I can explain and assess the different factors that influence a location decision		
11.03.24	I can assess the different elements of the marketing mix		
18.03.24	I can assess the impact of technology onto business		
25.03.24	I can assess the role and importance of a business plan		
15.04.24	I can explain what a stakeholder is and how it has influence		
23.04.24	I can explain the different types of technology in business		
29.05.24	I can explain and assess the ways in which technology influence business		
06.05.24	I can explain and asses the ways in which the economy influence business – Unemployment, income and inflation		
13.05.24	I can explain and asses the ways in which the economy influence business – interest rates, taxation and exchange rates		
20.05.24	I can explain and assess the ways in which external influences impact on a business		

## Health & Social Care 'I Can' Statements

	'I Can' statements	Yes	No
11.09.23	Life stages and their expected key characteristics in each of the PIES classifications: 0 - infancy (birth to 2 years)		
18.09.23	Explain development at early childhood (3–8 years)		
25.09.23	Explain development at adolescence (9–18 years)		
02.10.23	Explain development at early adulthood (19–45 years)		
09.10.23	Explain development at middle adulthood (46–65 years)		
16.10.23	Explain development at later adulthood (65+ years)		
30.10.23	Explain development at Factors affecting growth and development		
06.11.23	Explain factors affecting development Physical factors		
13.11.23	Explain factors affecting development Lifestyle factors		
20.11.23	Explain factors affecting development Emotional factor		
27.11.23	Explain factors affecting development Social factors		
04.12.23	Explain factors affecting development Cultural factors		
11.12.23	Explain factors affecting development Environmental factors		
08.01.24	Explain factors affecting development Economic factor		
15.01.24	Understand how individuals deal with life events B1 Different types of life event		
22.01.24	Dealing with life events: Health and wellbeing		
29.01.24	Dealing with life events: Relationship changes		
05.02.24	Dealing with life events: Life circumstances		
19.02.24	Dealing with life events: Coping with change caused by life events		
26.02.24	Dealing with life events: The character traits that influence how individuals cope		
04.03.24	Dealing with life events: The sources of support that can help individuals adapt		
11.03.24	Dealing with life events: The types of support that can help individuals adapt		
18.03.24	Component 3 - Factors affecting health and wellbeing		
25.03.24	I can explain the definition of health and wellbeing: a combination of physical health and social and emotional wellbeing, and not just the absence of disease or illness		
15.04.24	I can explain the physical factors that can have positive or negative effects on health and wellbeing		
23.04.24	I can explain the lifestyle factors that can have positive or negative effects on health and wellbeing		
29.04.24	I can explain social factors that can have positive or negative effects on health and wellbeing		
06.05.24	I can explain cultural factors that can have positive or negative effects on health and wellbeing		
13.05.24	I can explain economic factors that can have positive or negative effects on health and wellbeing		
20.05.24	I can explain environmental factors that can have positive or negative effects on health and wellbeing		
03.06.24	I can explain the impact on physical, intellectual, emotional and social health and wellbeing of different types of life event		
10.06.24	Interpreting health indicators - Interpreting health indicators		
17.06.24	I understand the potential significance of abnormal readings		
24.06.24	I understand lifestyle indicators Learners will explore how lifestyle choices determine physical health		
01.07.24	I understand person-centred approach to improving health and wellbeing		

## Psychology 'I Can' Statements

	'I Can' statements	Yes	No
11.09.23	Understand early brain development		
18.09.23	Understand the role of education and intelligence		
25.09.23	Understand Piaget's Theory of Cognitive Development,		
02.10.23	Understand the effects of learning on development		
09.10.23	Understand the four stages of cognitive development		
16.10.23	Understand the effects of learning on development using Carol Dweck's Mindset Theory		
30.10.23	Understand the effects of learning on development using Daniel Willingham's Learning Theory		
06.11.23	I can begin to understand how does your memory work		
13.11.23	Understand the structure and process of memory and information processing		
20.11.23	Understand the features of short-term and long-term memory		
27.11.23	Understand the features of short-term and long-term memory		
04.12.23	Understand the structure and process of memory through the multi-store model of memory		
11.12.23	Understand retrograde and anterograde amnesia		
08.01.24	Understand the two mental health problems unipolar depression and addiction		
15.01.24	How mental health problems affect individuals and society		
22.01.24	How mental health problems affect individuals and society		
29.01.24	The influence of genes as an explanation		
05.02.24	Understand The use of cognitive behavioural therapy (CBT) as a treatment		
19.02.24	Understand the aims, procedures and findings of studies associated		
26.02.24	Understand the term nature v's nurture in the explanation of mental health		
04.03.24	Know the structure and function of the brain		
11.03.24	Understand the function of neurotransmitters		
18.03.24	Understand the impact of neurological damage on cognitions and behaviour		
25.03.24	Explain 'Sperry (1968) Hemisphere Disconnection and Unity in Conscious Awareness		
15.04.24	Explain The Return of Phineas Gage:		
22.04.24	Understand how psychology has changed over time, including:		
29.04.24	Explain the terms: a) obedience      b) conformity c) deindividuation      d) bystander effect		
06.05.24	Understand conformity to a majority influence		
13.05.24	Understand the behaviour of crowds and the individuals within them and the effect of collective		
20.05.24	Use content, theories and research drawn from social influence to explain social and cultural issues in psychology.		

## Art and Design 'I Can Statements'

Date	'I Can' statements	Yes	No
	<b>Develop Ideas from Sources</b>		
11.09.23	Describe similarities and differences between my own and other artists' work		
18.09.23	Comment on the ideas, methods and approaches used in other artists' work and place these works in context.		
25.09.23	Select an artist's work and analyse it to some extent, and use this understanding to generate an idea of my own.		
02.10.23	Explore the context of a particular art work and analyse it in reasonable depth and use this understanding to generate ideas of my own.		
09.10.23	Identify why ideas and meanings in other artists' work are subject to different interpretations and use this understanding to extend my practical work.		
16.10.23	Analyse and comment on my own and others' work. <ul style="list-style-type: none"> <li>• Place an artwork in its context.</li> <li>• Use this understanding to generate ideas of my own in an increasingly confident manner.</li> </ul>		
30.10.23	Explain how my understanding of the work of others affects my own ideas, values and practice.		
06.11.23	Analyse and comment on my own and others' work, appreciating how codes and conventions are used to express ideas in different genres, styles and traditions.		
13.11.23	Critically engage with a wide range of other artists' work, identifying why ideas and meanings are subject to different interpretations. Use this understanding to extend my own practical work.		
20.11.23	Develop my ideas in a sophisticated manner, through focused, sustained and perceptive investigations of wide-ranging sources. Use this understanding to transform my own practical work.		
	<b>Refine Work</b>		
27.11.23	Work responsibly, with an awareness of personal safety when using materials, tools and equipment and moving around the classroom.		
06.12.23	Appreciate the range of possibilities that different materials can offer and use them with increasing skill.		
11.12.23	Appreciate the potential of different materials, evaluate my work and make appropriate refinements.		
08.01.24	Show good control of a range of materials and techniques and my ideas are refined and explored in a measured way as my work progresses. Take some creative risks when exploring, experimenting with materials, techniques and processes as I respond to my ideas.		
15.01.24	Extend my ideas and sustain my investigations by responding to new possibilities and meanings through my extensive experimentation and exploration of materials, techniques and processes.		
22.01.24	Develop a range of sophisticated ideas, through purposeful selection and rigorous, creative experimentation and by subtly refining and modifying my work as it progresses.		

## Art and Design 'I Can Statements'

Date	'I Can' statements	Yes	No
	<b>Record Observations</b>		
29.01.24	Appreciate the opportunities that arise from using primary sources that are appropriate to my ideas.		
05.02.24	Improve the accuracy of my studies when recording from either observation, memory and imagination.		
19.02.24	Explore a range of methods to convey my ideas – thumb-nail studies, different compositions and annotation to describe my intentions.		
26.02.24	Gather resources, both primary and secondary, and respond to them in different materials in line with my intentions.		
04.03.24	Respond to my sources, using my research, with increasing skill and reflection as my work progresses.		
11.03.24	Record my ideas and observations in a confident manner, through independent and sustained research that is relevant to my intentions.		
18.03.24	Record my ideas and observations, with increasing sensitivity, in a range of media and in a variety of different methods – sketchbooks, study sheets, tablets etc.		
25.03.24	Research, document and present information in ways that are appropriate to my intentions.		
15.04.24	Gather wide-ranging research appropriate to my intentions, responding to these sources in a mature and confident manner expressing my observations in a range of media; drawing could include line, colour, tonal and textural studies.		
22.04.24	Gather, select and organise information that has been generated from my extensive research and, through perceptive and rigorous reflection. Record my ideas with considerable confidence.		
	<b>Present a Personal and Meaning full Response</b>		
29.04.24	Produce a response with some understanding of the visual language that also realises my intentions.		
06.05.24	Produce an individual response that has been informed, to some extent, by the artists I have studied.		
13.05.24	Use my knowledge of the visual language to articulate my ideas in an increasingly skilful manner in my final outcome(s.)		
20.05.24	Produce a personal response with some expertise in using the visual language and an acknowledgement of artists and artwork that have been influential in my journey.		
03.06.24	Demonstrate within the body of my work, a clear progression of ideas that realises my intentions and shows a reasonable understanding of the visual language.		
10.06.24	Produce imaginative, coherent outcomes that clearly grow out of my research and experimentation and reveal a thorough understanding of the visual language		
17.06.24	Produce meaningful responses that reveal a creative development of work and show a confident command of the visual language.		
24.06.24	Think carefully about the final selection of my work and the method of its presentation.		
01.07.24	Show I am in command of my creative practice, recognising and using a variety of strategies to develop ideas that clearly reflect my intentions.		
09.07.24	Produce personal, original and imaginative outcomes that realise my intentions in a sophisticated and coherent manner and show an excellent understanding of the visual language.		

## GCSE PE 'I Can' Statements

	'I Can' statements	Yes	No
11.09.23	Identify the functions of the skeleton & bone classifications.		
18.09.23	Explain the structure of the skeleton & classification of joints		
25.09.23	Explain the Movement patterns		
02.10.23	Identify the different muscle types		
09.10.23	Identify the location and role of muscles		
16.10.23	Explain the use of antagonistic pairs		
30.10.23	Explain the use of different muscle fibre types		
06.11.23	Identify the structure of the heart & explain the route the blood takes through the heart		
13.11.23	Compare the blood vessels and the changes during physical activity		
20.11.23	Identify the structure of the respiratory system		
27.11.23	Explain the process of gaseous exchange		
04.12.23	Explain how the Respiratory and cardiovascular system are linked		
11.12.23	Identify energy and energy sources		
08.01.24	Explain short terms effects of exercise on cardiac system		
14.01.24	Explain short terms effects of exercise on respiratory system		
21.01.24	Explain short terms effects of exercise on vascular system		
28.01.24	Explain short terms effects of exercise on muscular system		
04.02.24	Identify fitness, health, exercise and performance		
18.02.24	Explain the components of fitness		
25.02.24	Identify the value of Fitness tests		
04.03.24	Collection of data		
11.03.24	Explain the fitness tests for specific fitness		
18.03.24	Evaluate how fitness is improved		
25.03.24	Explain the principles of training		
15.04.24	Evaluate the appropriate training methods for different sports performers		
22.04.24	Explain the long term effects of aerobic and anaerobic training		
29.04.24	Explain the long term training effects and benefits muscular-skeletal		
06.05.24	Identify the different forms of Injury prevention		
13.05.24	Explain the different PED's		
20.05.24	Evaluate the use of warm ups and cool downs		

## PE 'I Can Statements'

Date	'I Can' statements	Yes	No
11.09.23 18.09.23	Talk about differences between my own and others performance and suggest improvements		
25.09.23	Apply suitable actions, which are appropriate to the task set.		
02.10.23	See how my work is similar to and different to others.		
09.10.23	Use this understanding to improve my performance		
16.10.23	Compare and comment on skills and techniques.		
30.10.23 06.11.23	Analyse ideas used in my own and others work and use this understanding to improve performance		
13.11.23 20.11.23	Analyse and comment on skills and techniques and how they are applied in my own and others work.		
27.11.23	Analyse compositional aspects of performance and suggest ways to improve		
04.12.23 11.05.23	Analyse and comment on how skills, techniques and ideas can be used in my own and others work.		
08.01.24	Analyse a performance and suggest ways to improve it.		
15.01.24	Organise and officiate small sided games in different sports		
22.01.24	Officiate small sided games in at least 3 sports		
29.01.24 05.02.24	Organise, coach and/or choreograph confidently using a good level of communication.		
19.02.24 26.02.24	Analyse and comment on my own and others' work either as an individual or as part of a team		
04.03.24	Plan ways to improve my own and others performance		
11.03.24	Evaluate my own and others' work using ICT as a tool.		
18.03.24 25.03.24	Show that I understand the impact of skills, strategy, tactics and fitness on the quality of performance.		
15.04.24	Start to plan ways to improve my own and others' performance.		
22.04.24	Suggest ways to monitor improvement.		
29.04.24 06.05.24	Organise, coach and choreograph confidently using a very good level of communication.		
13.05.24 20.05.24	Officiate to a good standard in at least 1 sport and apply rules fairly and consistently whilst adhering to the conventions and code of conduct.		
03.06.24 10.06.24	Officiate to a good standard in at least 2 sports and apply rules fairly and consistently whilst adhering to the conventions and code of conduct.		



## Food 'I Can Statements'

	'I Can' statements	Yes	No
11.09.23	Understand the importance of health & safety in the food room		
18.09.23	Give some basic rules about hygiene when handling food		
25.09.23	Demonstrate hygiene and safety whilst working in the food room		
02.10.23	Read and interpret a recipe		
09.10.23	Adapt a recipe to suit alternative lifestyles		
16.10.23	Recognise a range of kitchen equipment		
30.10.23	Use different types of knife holds		
06.11.23	Use a range of cooking equipment		
13.11.23	Clean the food room effectively		
20.11.23	Know where to look for equipment that I need		
27.11.23	Evaluate the nutritional value of a meal.		
04.12.23	Explain the health concerns of being overweight		
11.12.23	Recognise the main food groups according to the eatwell guide		
08.01.24	Understand and interpret food labels		
14.01.24	Understand portion sizes and portion control		
21.01.24	Cook using a range of different methods		
28.01.24	Decide the best method of cooking a particular food		
04.02.24	Can safely store food using a range of methods		
18.02.24	Identify the nutritional values of food		
25.02.24	Identify sweet and savoury flavours		
04.03.24	Present dishes in to a good standard		
11.03.24	Analyse and evaluate a variety of different types of pastry		
18.03.24	Create high quality pastry product.		
25.03.24	Analyse how Choux buns are made with suggested improvements.		
15.04.24	Understand what food miles and carbon footprint are.		
22.04.24	Explain ways that food miles and carbon footprint can be reduced		
29.04.24	Examine the methods used to make Caribbean chicken Jerk burger		
06.05.24	Use a sensory analysis chart to evaluate dishes		
13.05.24	Suggest improvements based on a sensory analysis		
20.05.24	Develop my own recipes from scratch		