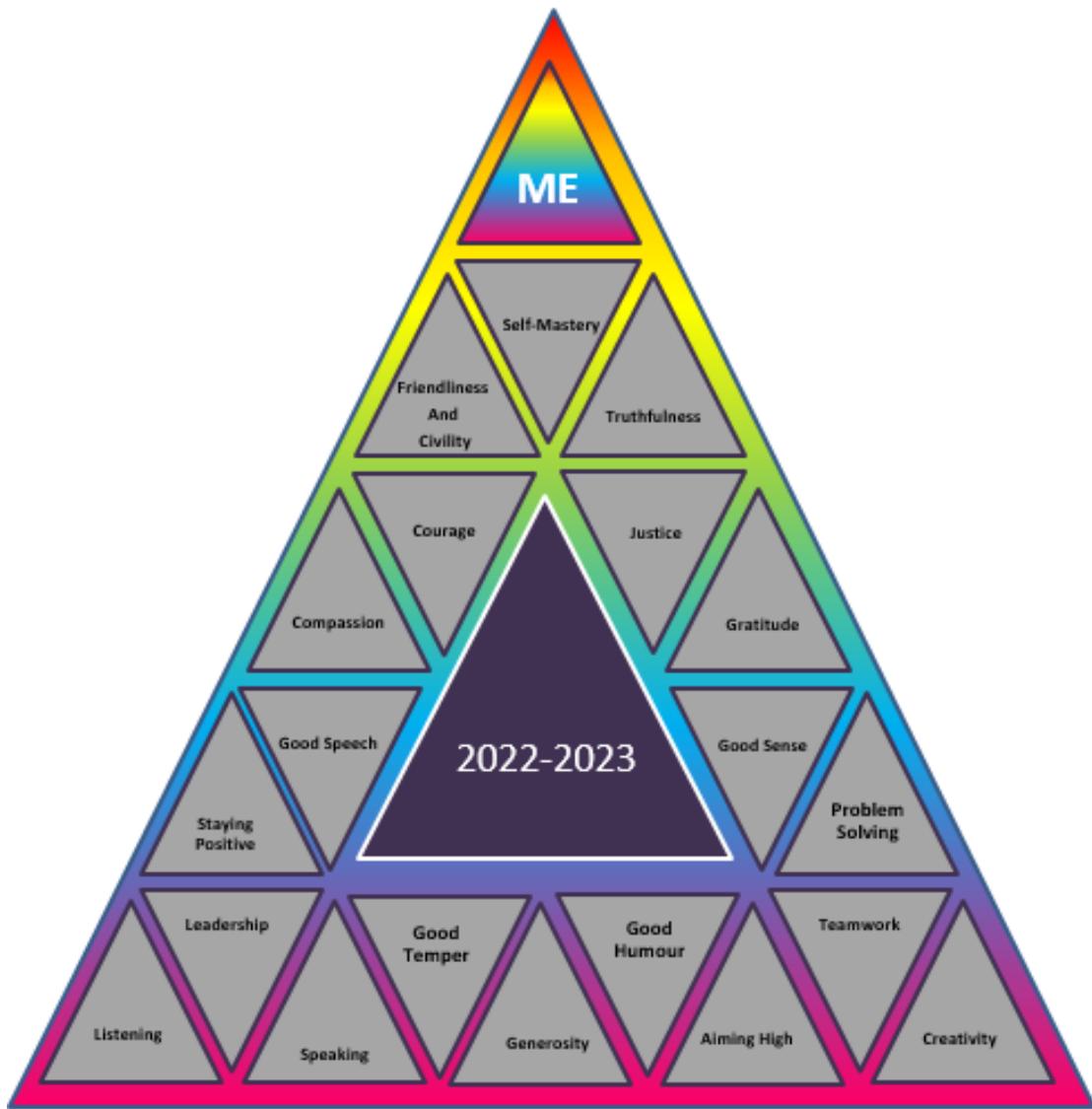


Year 10 Homework Booklet



I can statements from Year 9

2022-2023

English 'I Can Statements'

Date	'I Can' statements – Disciplinary Knowledge	Yes	No
12.09.22	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.		
19.09.22	Analyse the language, form and structure used by a writer to create meanings and effects, using relevant subject terminology.		
26.09.22	Show understanding of the relationships between texts and the contexts in which they were written.		
03.10.22	Use a range of vocabulary and sentence structures for clarity, purpose and effect, with accurate spelling and punctuation.		
10.10.22	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.		
17.10.22	Identify and interpret explicit and implicit information and ideas and synthesise evidence from texts		
31.10.22	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		
07.11.22	Use correctly selected evidence from the text and my own experiences to support my thinking and writing.		
14.11.22	Add context (social, historical, political) in to my analysis to help explain a writer's view.		
21.11.22	Explain in detail the language techniques a writer uses and explain the effect they have.		
	Gothic Villains		
28.11.22	Explain how the structure of a gothic text can influence its meaning.		
05.12.22	Write my own gothic villain using literary techniques and description.		
12.12.22	Compare different writers' ideas, as well as how these are conveyed.		
	Poetry from Other Cultures		
09.01.23	Write imaginatively using show me sentences to create detailed worlds		
16.01.23	Plan my ideas to structure my work effectively; I can identify strengths and weakness in my work		
23.01.23	Use varying vocabulary (spelled correctly) and correctly used sentence types in my writing.		
	Society's Biggest Questions		
30.01.23	Explain what my human rights are and how they can be misused or ignored.		
06.02.23	Write a speech that persuades my audience of a particular purpose using AREDFOREST techniques.		
20.02.23	Draw on my own knowledge to draw comparisons between my own life experience and the experiences of other people.		
	The Lord of the Flies		
27.02.23	Use correctly selected evidence from the text and discover implicit information.		
06.03.23	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.		
13.03.23	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
Shakespeare's Villains			
20.03.23	Explain why Shakespeare has used a technique in his work and the effect it has in detail.		
27.03.23	Use key terms such as Machiavellian, hubris, hamartia and tragedy effectively in my answers.		
17.04.23	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
Accro à la technologie?			
12.09.22	Describe old and new technology		
19.09.22	Talk about using technology for leisure activities		
26.09.22	Identify the potential dangers of social networking sites		
03.10.22	Talk about the pros and cons of new technologies		
10.10.22	Talk about favourite technology and gadgets		
Être ado, c'est quoi?			
17.10.22	Discuss relationships with parents		
31.10.22	Talk about pocket money and what I do to help at home		
07.11.22	Talk about the pressures faced by teenagers and understand advice		
14.11.22	Discuss what life used to be like for teenagers		
21.11.22	Describe the life of homeless children		
Le monde des médias			
28.11.22	Talk about types of television programmes		
05.12.22	Talk about musical genres and express detailed opinions of music		
12.12.22	Talk about film genres and review a film		
09.01.23	Talk about reading preferences		
16.01.23	Understand and use the language of advertising		
En pleine forme!			
23.01.23	Talk about healthy eating		
30.01.23	Discuss healthy lifestyles		
06.02.23	Talk about how diet affects health		
20.02.23	Talk about resolutions to be healthier		
27.02.23	Talk about what life will be like in the future		
Rendez-vous			
06.03.23	Organise a party		
13.03.23	Suggest activities and make excuses		
20.03.23	Talk about a festival or special event that I've been to		
27.02.23	Communicate with people in formal situations		
17.04.23	Talk about traditions and festivals		
Chez moi, ça veut dire quoi?			
24.03.23	Describe what type of home you live in		
01.05.23	Describe rooms in a house		
08.05.23	Describe a bedroom, items in it and their location		
15.05.23	Describe the type of home you would like to have		
22.05.23	Describe places in detail and express how you feel about them		

Spanish 'I Can' Statements

Date	'I Can' statements	Yes	No
	1 Somos Así		
12.09.22	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		
19.09.22	Say what I do on different days		
	Ask someone about their week		
	Use the present tense of regular verbs		
26.09.22	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		
	Use the near future tense		
03.10.22	Say who I celebrated my birthday with		
	Say where I / we went		
	Say what I / we did there		
	Say what I thought about it		
10.10.22	Use the preterite of regular verbs		
	Use the preterite of ir and ser		
	Use sequencers		
17.10.22	Say why I am famous		
	Say how I all began		
	Say what I am going to do in the future		
	Interview a famous person		
	Use the present and preterite of hacer		
	Use three tenses together		
31.10.22	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
	2 !Oriéntate!		
07.11.22	Say what job I do		
	Say what I have to do at work		
	Give an opinion about my job		
	Give reasons		
14.11.22	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		
21.11.22	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		
	Use fillers to help me sound more Spanish		
28.11.22	Describe a typical day at work		
	Say why I decided to do my job		
	Say what qualities are important for my job		
05.12.22	Say why languages are important		
	Use the present, preterite and near future tenses		
	Use reference materials to check spelling, accents, gender and verbs		
12.12.22	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		
	Use the 'four Cs' to understand authentic texts in detail		
3 En Forma			
09.01.23	Say what foods I like and don't like		
	Say how often I eat something		
	Ask how often someone eats something		
	Use direct object pronouns		
16.01.23	Say what sports I do / play and how often		
	Say what sport I prefer		
	Use stem-changing verbs		
	Talk about daily routine		
23.01.23	Use reflexive verbs		
	Say what you/one must (not) do		
	Agree or disagree with advice		
	Use (no) se debe with an infinitive		
30.01.23	Say what's wrong with me		
	Use me duele(n)		
	Use estar for temporary states		
	Give developed spoken answers about fitness and routine		
06.02.23	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
4 Jóvenes en acción			
20.02.23	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		
06.03.23	Discuss workers' conditions		
	Talk about fair trade		
	Use the third person singular and plural		
	Express my point of view		
13.03.23	Say how we should help the environment		
	Say what 'green' things we have done		
	Say what 'green' things we do now		
	Use se deberia / no se deberia with an infinitive		
	Use complex sentences with para + infinitive		
20.03.23	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		
27.03.23	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		
	5 Una aventura en Madrid		
17.04.23	Meet and greet people		
	Ask for or say what I want to do		
	Use expressions with tener		
24.04.23	Talk about a treasure hunt		
	Say what I/you/we have to do		
	Use the superlative		
01.05.23	Say who I want to buy a souvenir for		
	Discuss what I am going to buy		
	Use shopping language		
08.05.23	Recognise the polite form of address		
	Use the comparative		
	Use correct word order when translating into English		
15.05.23	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
1.3 Contact Forces			
12.09.22	Describe the effect of drag forces and friction using examples.		
	Explain how and why drag forces and friction arise.		
	Describe what happens to a moving object when the resultant force acting on it is zero.		
	Plan and carry out an experiment to test a prediction of friction caused by different surfaces.		
19.09.22	Describe how forces deform objects using examples.		
	Explain how solid surfaces provide a support force.		
	Use Hooke's law to identify proportional stretching and to predict the extension of a spring.		
	Present data in a graph and identify a quantitative relationship in the pattern.		
26.09.22	State the law of moments and describe what is meant by a moment.		
	State and use the equation to calculate a turning force.		
	Independently identify scientific questions from results.		
1.4 Pressure			
03.10.22	Describe the motion of particles in a fluid.		
	Explain why fluids exert a pressure.		
	Calculate fluid pressure.		
	State the cause of atmospheric pressure, including being able to describe how atmospheric pressure changes with height.		
	Describe how liquid pressure changes with depth.		
10.10.22	Explain why some things float and some things sink, using force diagrams.		
	Write down and use the equation for calculating fluid pressure.		
	State and use the equation for stress.		
	Apply ideas of stress to different situations.		
	Predict quantitatively the effect of changing area and/or force on stress.		
2.3 Magnets			
17.10.22	Describe key features of a magnet.		
	Describe how magnets interact.		
	Draw the magnetic field lines around a bar magnet.		
	Describe the Earth's magnetic field.		
	Draw field lines round a magnet in detail.		
2.4 Electromagnets			
31.10.22	State the main features of an electromagnet.		
	Describe how to make an electromagnet.		
	State one difference between permanent magnets and electromagnets.		
	Describe how to change the strength of an electromagnet.		
	Describe how the magnetic field strength due to a current carrying wire varies with distance from the wire.		
07.11.22	Predict and test the effect of changes made to an electromagnet.		
	Describe some uses of electromagnets.		
	Describe how an electric bell, circuit breaker or loudspeaker works.		
	Pose scientific questions to be investigated from my experiment.		

Science 'I Can' Statements

Date	'I Can' statements	Yes	No
	3.3 Energy - Work, energy and machines		
	State how work is calculated.		
14.11.22	Calculate work done.		
	State that machines change the size of forces or distances.		
	Apply the conservation of energy to simple machines.		
	Evaluate results from the practical.		
	3.4 Energy – Heating and Cooling		
21.11.22	State how energy and temperature are measured.		
	State the difference between energy and temperature.		
	Describe how energy is transferred through solids, liquids and in air.		
	Describe what happens when you heat up solids, liquids and gases.		
28.11.22	Explain what is meant by equilibrium.		
	Describe how to reduce error in experimental apparatus.		
	Describe how energy is transferred by particles in conduction and convection.		
	Describe how a thermal insulator can reduce energy transfer.		
	Describe the pattern in conduction show by results, using numerical data to inform a conclusion.		
	Describe some sources of infrared radiation, and how energy is transferred.		
	Describe different ways to insulate in terms of conduction, convection and radiation.		
	Identify risks and explain why it is important to reduce them.		
	4.3 Waves – Wave Effect		
05.12.22	Describe the link between amplitude or frequency and energy.		
	Describe how a microphone and a loudspeaker work.		
	Describe how sound transfers energy, and how this is linked to generating electricity.		
	Describe the electromagnetic spectrum.		
	Describe the link between frequency and energy.		
12.12.22	Describe the effect of radiation on living cells.		
	4.4 Waves – Wave Properties		
09.01.23	Compare transverse and longitudinal waves.		
	Describe how to use a wave model to explain observations of the reflection, absorption and transmission of waves.		
	Describe what happens when waves superpose.		
	6.3 Reactions – Types of reactions		
16.01.23	Interpret particle diagrams and models to explain what happens chemical reactions.		
	Draw particle diagrams and make models to show what happens in a chemical reaction.		
	Identify risks, hazards, and control measures in a demonstration.		
	Explain why a given reaction is an example of combustion.		
	Predict the products of combustion of a given reactant and show the reaction as a word equation.		
23.01.23	Use a particle diagram to show what happens in a reaction.		
	Explain why a given reaction is an example of combustion or thermal decomposition.		
	Predict the products of thermal decomposition of a given reactant and show the reaction as a word equation.		
	Use a particle diagram to show what happens in a reaction.		

Science 'I Can' Statements

Date	'I Can' statements	Yes	No
6.4 Reactions – Chemical Energy			
30.01.23	Compare the characteristics of exothermic and endothermic reactions.		
	Use experimental observations to distinguish exothermic and endothermic reactions.		
	Calculate the temperature change and make a conclusion in a range of exothermic and endothermic changes.		
	Use a diagram of relative energy levels of particles to explain energy changes observed during changes of state and chemical reactions.		
06.02.23	Compare the energy transferred during the combustion of 1kg of different heating fuels.		
	Use models and diagrams to explain energy level diagrams.		
	Use a diagram of relative energy levels of particles to explain energy changes observed during a change of state.		
	Use ideas about bond energies to explain energy changes in chemical reactions.		
7.3 Earth – Climate Change			
20.02.23	Design a model to explain the greenhouse effect, and use an annotated diagram to describe the model in detail.		
	Interpret graphs that show trends over time.		
	Describe and explain what is meant by global warming.		
	Explain why the concentration of carbon dioxide in the atmosphere did not change for many years.		
27.02.23	Use the carbon cycle to identify carbon sinks.		
	Use the carbon cycle to show how carbon is recycled.		
	Describe how human activities affect the carbon cycle.		
	Describe how global warming can impact on climate and local weather patterns.		
	Give arguments for and against the claim that human activity is causing global warming and climate change.		
7.4 Earth – Earth Resources			
06.03.23	Describe how Earth's resources are turned into useful materials or recycled.		
	Justify the choice of extraction method for a metal, given data about reactivity.		
	Suggest factors to take into account when deciding whether extraction of a metal is practical.		
	Identify control measures for carrying out a reaction safely.		
	Describe how Earth's resources are turned into useful materials or recycled.		
	Explain why recycling of some materials is particularly important.		
	Explain why given data is best presented as a bar chart.		
9.3 Ecosystems - Respiration			
13.03.23	State the word equation for aerobic respiration.		
	Describe the process of respiration.		
	Plan an investigation to measure the effect of exercise on breathing rates.		
	State the word equation for anaerobic respiration.		
	Describe the differences between aerobic and anaerobic respiration.		
20.03.23	Evaluate data collected, suggesting possible sources of error.		
	Write the word equation for fermentation.		
	Describe how bread, beer and wine are made.		
	Carry out an investigation to investigate the effect of temperature on fermentation, recording measurements and drawing a conclusion.		

Science 'I Can' Statements

Date	'I Can' statements	Yes	No
9.4 Ecosystems – Photosynthesis			
27.03.23	Describe the process of photosynthesis.		
	State the word equation for photosynthesis.		
	Carry out an experiment to prove that oxygen is produced during photosynthesis.		
17.04.23	Describe the structure and function of the main components of a leaf.		
	Explain the distribution of the chloroplasts in a leaf.		
	Make observations of stomata from the underside of the leaf, and record observations as a labelled diagram.		
	Carry out and record observations for an experiment to test for the presence of starch in a leaf.		
24.04.23	State the relationship between temperature, light intensity, and availability of carbon dioxide with the rate of photosynthesis.		
	Describe how a plant uses minerals for healthy growth.		
	Explain the role of nitrates in plant growth.		
	Record measurements in a table, and calculate arithmetic means of results.		
10.3 Genes - Evolution			
01.05.23	Describe the process of natural selection.		
	Describe how organisms evolve over time.		
	create an evolutionary family tree, justifying the route chosen in the tree,		
	Describe the process of peer review.		
	Describe the evidence that Darwin used to develop his theory of natural selection.		
08.05.23	Use examples to describe the difference between an area of high biodiversity and an area of low biodiversity.		
	Interpret evidence provided in scientific texts to explain the most likely theory for dinosaur extinction.		
	Describe what is meant by captive breeding.		
	Describe some techniques used to prevent extinction.		
	Use data from a graph to describe the effect of Project Tiger on the local tiger population.		
10.4 Genes - Inheritance			
15.05.23	Describe the relationship between DNA, genes and chromosomes.		
	Describe how chromosomes from both parents combine to form offspring.		
	State what is meant by mutation.		
	Describe the structure of DNA.		
	Describe how scientists worked together to discover the structure of DNA.		
22.05.23	Describe the difference between dominant and recessive alleles.		
	Use a Punnett square to show what happens during a genetic cross.		
	Trace characteristics through a family tree using Punnett squares, giving answers as percentages and ratios.		
	State how an organism can be genetically modified.		
	Describe some advantages of producing products through genetic modification.		

Maths 'I Can' Statements

Date	'I Can' statements	Yes	No
	Indices and Standard Form		
12.09.22	Calculate indices involving multiplication and division		
	Calculate indices involving brackets		
	Calculate indices involving algebra		
	Understand how to simplify negative indices		
	Convert numbers into standard form		
19.09.22	Convert numbers into ordinary numbers		
	Multiply numbers in standard form		
	Convert numbers into standard form with negative indices		
	Expression and Formulae		
26.09.22	Write expressions using algebraic notation		
	Simplify expressions		
	Collect like terms with index laws		
03.10.22	Substitute into simple expressions		
	Substitute into expressions involving indices		
	Rearrange formulae		
	Expand 2 separate single brackets and simplify expressions		
10.10.22	Expand double brackets and simplify		
	Factorise into single brackets		
	Factorise into double brackets		
17.10.22	Set up and solve simple equations		
	Solve one-sided equations (unknown on one side)		
	Solve two-sided equations (unknown on both sides)		
	Data		
31.10.22	Find the mean, median, mode and range of a list of data		
07.11.22	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		
14.11.22	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		
21.11.22	Draw and interpret time series graphs		
28.11.22	Compare data from different representations		

Maths 'I Can' Statements

Date	'I Can' statements	Yes	No
Multiplicative Reasoning			
05.12.22	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		
12.12.22	Calculate a percentage of a quantity		
	Find the outcome of a given percentage increase or decrease		
09.01.23	Calculate reverse percentage and percentage change		
16.01.23	Solve worded real-life problems involving percentages		
	Calculate simple interest		
23.01.23	Calculate compound interest		
	Solve problems involving speed, distance and time		
	Solve problems involving unit pricing		
Constructions			
30.01.23	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		
06.02.23	Construct the perpendicular bisector of a line		
20.02.23	Construct the perpendicular from a point on a line		
27.02.23	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		
Sequence, Inequalities, Equation & Proportion			
06.03.23	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		
13.03.23	Find the nth term formula of patterns		
	Recognise geometric sequences		
	Recognise quadratic sequences		
20.03.23	Identify direct and inverse proportional graphs		
	Form the direct proportion formulae		
	Form the inverse proportion formulae		
	Solve worded problems on direct and inverse proportion		
Circle, Pythagoras & Prisms			
17.04.23	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		
24.04.23	Use Pythagoras theorem to find missing sides in right angled triangles		
01.05.23	Use trigonometry to find missing sides and angles in right angled triangles		

Maths 'I Can' Statements

Date	'I Can' statements	Yes	No
08.05.23	Use trigonometry to find missing sides and angles in right angled triangles		
15.05.23	Calculate the volume of 3D shapes		
22.05.23	Calculate the surface area of 3D shapes		
Graphs			
05.06.23	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)		
12.06.23	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 $x=?$		
	Know what the gradient (m) and intercept (c) are and find them from the equation of a line		
19.06.23	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		
Probability and Comparing Shapes			
03.07.23	Use the probability scale		
10.07.23	Find the probability of an event		
	Identify outcomes and know sum of probabilities of these is 1		
	Calculate probability from a two-way table		
17.07.23	Find expected number of times event will occur		
	Calculate and use relative frequency		
	Draw and interpret venn diagrams		
	Calculate probabilities from venn diagrams		

Computer Science 'I Can Statements'

Date	'I Can' statements	Yes	No
9.0 Online Thinking			
12.09.22			
19.09.22	Explain the dangers of online friends.		
26.09.22			
03.10.22	Identify how to report people who make me feel uncomfortable online.		
10.10.22			
17.10.22	Identify how to report online content that makes me feel uncomfortable.		
9.1 Computational Thinking			
31.10.22	State the order of operations for the Linear and Binary Searches.		
05.12.22	State the order of operations for the Bubble Sort.		
12.12.22	State the order of operations for the Merge Sort		
9.2 Data Representation			
09.01.23	Convert between 8 bit binary and denary.		
16.01.23	Add binary numbers together.		
23.01.23	Explain how text is stored digitally.		
30.01.23	Explain how sound is stored digitally.		
9.3 Spreadsheet Event Planning			
06.02.23	Use VLOOKUPs to identify data.		
20.02.23	Use conditional formatting to display data clearly.		
27.02.23	Create charts to display data clearly.		
9.4 Python Programming			
06.03.23	Implement Input and Print statements in Python		
13.03.23	Implement IF statements using Python		
20.03.23	Implement FOR loops using Python		
27.03.23	Implement WHILE loops using Python.		
9.5 Network Hardware			
17.04.23	Identify the hardware needed to make a wireless network.		
24.04.23	Identify the hardware needed to make a wired network.		
01.05.23	Compare the advantages and disadvantages of wired vs wireless networks.		
9.6 My Change Campaign			
08.05.23	Interpret data to validate my change campaign.		
15.05.23	Create an app to promote my change campaign.		
22.05.23	Create a presentation to promote my change campaign.		

Geography 'I Can Statements'

Date	'I Can' Statements – Disciplinary Knowledge	Yes	No
12.09.22	use maps and atlases proficiently, using them to compare and contrast physical and human features of the Earth		
19.09.22	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		
26.09.22	use geographical charts, in particular choropleth maps, to compare and geographical statistics in different locations, using mean and range) to draw valid conclusions		
03.10.22	use a variety of Geographical Information Systems (GIS), to recognise different of geographical features and analyse how they have changed over time		
10.10.22	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
31.10.22	understand the features of global marine biomes such as seas and oceans		
05.12.22	explain the threats man posed to marine environments by man, as well as the potential management solutions		
12.12.22	describe the different types of coastal processes, in particular erosion		
09.01.23	describe the different types of coastal landforms, in particular headlands and bays		
16.01.23	understand the opportunities offered by coastal locations to man		
23.01.23	explain what a glacier is and how they move and erode		
30.01.23	describe and explain the features of glacial landscapes in Britain (the Lake District)		
06.02.23	explain the opportunities offered by glacial landscapes to man		
20.02.23	understand the threats posed to glaciers caused by global climate change		
27.02.23	describe the main features of river drainage basins and how they change due to erosion		
06.03.23	describe and explain the physical and human causes of river flooding		
13.03.23	describe and explain the environmental and economic effects of river flooding		
20.03.23	describe and explain the possible solutions to river flooding		
27.03.23	explain the location of areas of water deficit globally		
17.04.23	Describe what is meant by an impossible place in terms of water supply		
24.04.23	describe and explain the physical and climatic features of Las Vegas, and how it has adapted to its water shortage		
01.05.23	describe and explain the physical and climatic features of Dubai, and how it has adapted to its water shortage		
08.05.23	locate the different global climatic zones, and understand how they are affected by patterns of atmospheric circulation		
15.05.23	describe and explain Britain's climate and understand why there are variations within it, and how it is changing		
22.05.23	analyse the causes of long term and man-made climate change, and understand how they can be evidenced		
05.06.23	explain the effects of climate change at a global level		
12.06.23	describe and explain the causes, effects and potential management of extreme low pressure weather systems		
19.06.23	describe and explain the causes, effects and potential management of extreme high pressure weather systems		
26.06.23	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
12.09.22	plan and carry out your own research into an historical problem or question using sources and historical works to support my learning.		
19.09.22	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		
26.09.22	analyse and reach a judgement on the cause and effect of change and continuity across specific timeline		
03.10.22	analyse and reach a judgement on the significance of events, people and features of the past		
10.10.22	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
31.10.22	explain what life was like in the factories during the 19 th century		
05.12.22	explain what housing looked like in Britain in the 19 th century and what issues this created – crime and poverty		
12.12.22	explain the role of the hat trade in Luton's history		
09.01.23	explain problems with Britain's political system in the early 19 th century		
16.01.23	explain the legacy of the Peterloo Massacre, 1819		
23.01.23	explain the impact of the 1832 Reform Act		
30.01.23	explain how groups such as the Chartists and Anti-Corn Law League campaigned for political reform		
06.02.23	explain aspects of social class and society in 19 th and early 20 th century Britain		
20.02.23	explain the role of the Suffragettes and Suffragists and how they campaigned for political reform		
27.02.23	explain the background and international context prior to 1914		
06.03.23	explain reasons for the outbreak of war in 1914		
13.03.23	explain what life was like on the Western and Home Front during WW1		
20.03.23	explain what the international situation was between 1914 and 1918 – what was the Treaty of Versailles		
27.03.23	explain how Hitler rose to power in the 1930s in Germany		
17.04.23	explain life in Britain during WW2		
24.04.23	explain the role of women at Bletchley Park and how they helped break the Enigma Codes		
01.05.23	explain what the Holocaust was and explain its historical significance		
08.05.23	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
12.09.22	suggest meanings of biblical concepts and texts to do with wisdom, suffering, evil and the meaning of life		
19.09.22	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		
26.09.22	explain some causes of prejudice and some ideas about what reduces prejudice, using religious texts and beliefs to explain how prejudice might be reduced		
03.10.22	explain some of the contributions of inspirational people and groups in overcoming barriers		
10.10.22	explain the differences between absolute and relative morality and what difference they make to how people decide what is right and wrong		
31.10.22	explain how and why people use and make sense of different sources of authority in deciding how to live		
05.12.22	show how some religious and nonreligious ideas, beliefs and teachings guide people in making moral decisions		
12.12.22	give reasons and examples to explain why people come to different views on moral issues		
09.01.23	suggest meanings of the texts studied, and how they challenged religious and political authorities		
16.01.23	give reasons and examples to explain how far Christians respond to the teaching of Jesus		
23.01.23	explain how Christians use Jesus' teaching to guide their actions / behaviour		
30.01.23	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		
06.02.23	use religious vocabulary, texts and concepts to explain attitudes of respect and fairness, or prejudice and inequality		
20.02.23	show how some religious and non-religious beliefs and teachings can affect attitudes to our plural society		
27.02.23	raise and research questions and explanations about how to make Luton and Bedfordshire places where respect for all can flourish		
06.03.23	compare and explain different ways to happiness (e.g. Christian, Buddhist and non-religious)		
13.03.23	explain how people use different sources of authority in deciding what the purpose of life is		
20.03.23	show how beliefs and teachings can affect people's views on whether or not it is important to achieve happiness		
27.03.23	suggest meanings of biblical concepts and texts to do with wisdom, suffering, evil and the meaning of life		
17.04.23	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 and the key concepts studied		

Business 'I Can' Statements

	'I Can' statements	Yes	No
12.09.22	I can explain why new business ideas come about		
19.09.22	I can explain how new business ideas come about		
26.09.22	I can explain the impact of risk and reward on a business		
03.10.22	I can explain the role of business enterprise and the purpose of business		
10.10.22	I can explain the role of an entrepreneur		
17.10.22	I can identify and understand customer needs		
31.10.22	I can explain the purpose of market research		
07.11.22	I can explain the methods of market research		
14.11.22	I can use different types of market research		
21.11.22	I can explain how segmentation is used to target different customers		
28.11.22	I can assess how the competitive environment will impact on a business		
05.12.22	I can explain how aims and objectives differ		
12.12.22	I can calculate revenue, costs and profit		
09.01.23	I can calculate interest		
16.01.03	I can draw and interpret break even graphs		
23.01.23	I can assess the importance of cash to a business		
30.01.23	I can calculate cash-flow		
06.02.23	I can explain and assess the different methods of finance for a business		
20.02.23	I can describe the different types of ownership		
27.02.23	I can assess the most appropriate type of ownership		
06.03.23	I can explain and assess the different factors that influence a location decision		
13.03.23	I can assess the different elements of the marketing mix		
20.03.23	I can assess the impact of technology onto business		
27.03.23	I can assess the role and importance of a business plan		
17.04.23	I can explain what a stakeholder is and how it has influence		
24.04.23	I can explain the different types of technology in business		
01.05.23	I can explain and assess the ways in which technology influence business		
08.05.23	I can explain and asses the ways in which the economy influence business – Unemployment, income and inflation		
15.05.23	I can explain and asses the ways in which the economy influence business – interest rates, taxation and exchange rates		
22.05.23	I can explain and assess the ways in which external influences impact on a business		

Psychology 'I Can' Statements

	'I Can' statements	Yes	No
12.09.22	Understand early brain development		
19.09.22	Understand the role of education and intelligence		
26.09.22	Understand Piaget's Theory of Cognitive Development,		
03.10.22	Understand the effects of learning on development		
10.10.22	Understand the four stages of cognitive development		
17.10.22	Understand the effects of learning on development using Carol Dweck's Mindset Theory		
31.10.22	Understand the effects of learning on development using Daniel Willingham's Learning Theory		
07.11.22	I can begin to understand how does your memory work		
14.11.22	Understand the structure and process of memory and information processing		
21.11.22	Understand the features of short-term and long-term memory		
28.11.22	Understand the features of short-term and long-term memory		
05.12.22	Understand the structure and process of memory through the multi-store model of memory		
12.12.22	Understand retrograde and anterograde amnesia		
09.01.23	Understand the two mental health problems unipolar depression and addiction		
16.01.03	How mental health problems affect individuals and society		
23.01.23	How mental health problems affect individuals and society		
30.01.23	The influence of genes as an explanation		
06.02.23	Understand The use of cognitive behavioural therapy (CBT) as a treatment		
20.02.23	Understand the aims, procedures and findings of studies associated		
27.02.23	Understand the term nature v's nurture in the explanation of mental health		
06.03.23	Know the structure and function of the brain		
13.03.23	Understand the function of neurotransmitters		
20.03.23	Understand the impact of neurological damage on cognitions and behaviour		
27.03.23	Explain 'Sperry (1968) Hemisphere Deconnection and Unity in Conscious Awareness		
17.04.23	Explain The Return of Phineas Gage:		
24.04.23	Understand how psychology has changed over time, including:		
01.05.23	Explain the terms: a) obedience b) conformity c) deindividuation d) bystander effect		
08.05.23	Understand conformity to a majority influence		
15.05.23	Understand the behaviour of crowds and the individuals within them and the effect of collective		
22.05.23	use content, theories and research drawn from social influence to explain social and cultural issues in psychology.		

Art 'I Can Statements'

Date	'I Can' statements	Yes	No
	Develop Ideas from Sources		
12.09.22	Describe similarities and differences between my own and other artists' work		
19.09.22	Comment on the ideas, methods and approaches used in other artists' work and place these works in context.		
26.09.22	Select an artist's work and analyse it to some extent, and use this understanding to generate an idea of my own.		
03.10.22	Explore the context of a particular art work and analyse it in reasonable depth and use this understanding to generate ideas of my own.		
10.10.22	Identify why ideas and meanings in other artists' work are subject to different interpretations and use this understanding to extend my practical work.		
17.10.22	Analyse and comment on my own and others' work. <ul style="list-style-type: none"> • Place an artwork in its context. • Use this understanding to generate ideas of my own in an increasingly confident manner. 		
31.10.22	Explain how my understanding of the work of others affects my own ideas, values and practice.		
07.11.22	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.		
14.11.22	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.		
21.11.22	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.		
	Refine Work		
28.11.22	Work responsibly, with an awareness of personal safety when using materials, tools and equipment and moving around the classroom.		
05.12.22	Appreciate the range of possibilities that different materials can offer and use them with increasing skill.		
12.12.22	Appreciate the potential of different materials, evaluate my work and make appropriate refinements.		
09.01.23	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.		
16.01.03	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.		
23.01.23	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 'I Can Statements'

Date	'I Can' statements	Yes	No
Record Observations			
30.01.23	Appreciate the opportunities that arise from using primary sources that are appropriate to my ideas.		
06.02.23	Improve the accuracy of my studies when recording from either observation, memory and imagination.		
20.02.23	Explore a range of methods to convey my ideas – thumb-nail studies, different compositions and annotation to describe my intentions.		
27.02.23	Gather resources, both primary and secondary, and respond to them in different materials in line with my intentions.		
06.03.23	Respond to my sources, using my research, with increasing skill and reflection as my work progresses.		
13.03.23	Record my ideas and observations in a confident manner, through independent and sustained research that is relevant to my intentions.		
20.03.23	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.		
27.03.23	Research, document and present information in ways that are appropriate to my intentions.		
17.04.23	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.		
24.04.23	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.		
Present a Personal and Meaning full Response			
01.05.23	Produce a response with some understanding of the visual language that also realises my intentions.		
08.05.23	Produce an individual response that has been informed, to some extent, by the artists I have studied.		
15.05.23	Use my knowledge of the visual language to articulate my ideas in an increasingly skilful manner in my final outcome(s.)		
22.05.23	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.		
05.06.23	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.		
12.06.23	Produce imaginative, coherent outcomes that clearly grow out of my research and experimentation and reveal a thorough understanding of the visual language		
19.06.23	Produce meaningful responses that reveal a creative development of work and show a confident command of the visual language.		
26.06.23	Think carefully about the final selection of my work and the method of its presentation.		
03.07.23	Show I am in command of my creative practice, recognising and using a variety of strategies to develop ideas that clearly reflect my intentions.		
10.07.23	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.		

Sport Btec 'I Can' Statements

	'I Can' statements	Yes	No
12.09.22	Identify different types of sports and physical activities.		
19.09.22	Identify the difference between sport and physical activity.		
26.09.22	Identify reasons why I enjoy taking part in different sports and physical activities.		
03.10.22	Explain why others enjoy participating in sport and physical activity.		
10.10.22	Give examples of different types of sport and physical activity providers.		
17.10.22	Explain the benefits of taking part in sport and physical activity.		
31.10.22	Understand the different types of participants and their needs.		
07.11.22	Identify the barriers to participation for different types of participant.		
14.11.22	Plan strategies to break down the barriers to participation for different participant groups.		
21.11.22	Identify the specific clothing and equipment that is needed for participation in different sports and physical activities.		
28.11.22	Explain why it is essential to have specific equipment for certain sports and physical activities.		
05.12.22	Identify different types of technology involved in sport and physical activity.		
12.12.22	Discuss the impact technology has on different sports and physical activities.		
09.01.23	Identify the limitations of using technology in sport and physical activity.		
16.01.03	Identify the key components of a warm-up to prepare the body for exercise.		
23.01.23	Describe the effect a warm-up has on heart rate and breathing rate.		
30.01.23	Explain why the heart rate and breathing rate changes and can be different after participation in different sports and physical activities.		
06.02.23	Name and locate the major muscle groups in the body.		
20.02.23	Explain the effect exercise and participation in sport and physical activity has on a participant's muscles.		
27.02.23	Plan a warmup for different types of activities.		
06.03.23	Lead a warmup for different types of activities.		
13.03.23	Identify how a warm-up can be adapted for different types of participants.		
20.03.23	Adapt a warm-up to meet the needs of different types of participant.		
27.03.23	Identify the different components of physical fitness.		
17.04.23	Define the different components of physical fitness.		
24.04.23	Identify the different components of skill-related fitness.		
01.05.23	Define the different components of skill-related fitness.		
08.05.23	Identify when different components of fitness are used in different sports or physical activities.		
15.05.23	Explain why different components of fitness are best suited for different sport related positions.		
22.05.23	Explain the difference between technique, tactics, and skill.		

PE 'I Can Statements'

Date	'I Can' statements	Yes	No
12.09.22	Talk about differences between my own and others performance and suggest improvements		
19.09.22			
26.09.22	Apply suitable actions, which are appropriate to the task set.		
03.10.22	See how my work is similar to and different to others.		
10.10.22	Use this understanding to improve my performance		
17.10.22	Compare and comment on skills and techniques.		
31.10.22	Analyse ideas used in my own and others work and use this understanding to improve performance		
07.11.22			
14.11.22	Analyse and comment on skills and techniques and how they are applied in my own and others work.		
21.11.22			
28.11.22	Analyse compositional aspects of performance and suggest ways to improve		
05.12.22	Analyse and comment on how skills, techniques and ideas can be used in my own and others work.		
12.05.22			
09.01.23	Analyse a performance and suggest ways to improve it.		
16.01.23	Organise and officiate small sided games in different sports		
23.01.23	Officiate small sided games in at least 3 sports		
30.01.23	Organise, coach and/or choreograph confidently using a good level of communication.		
06.02.23			
20.02.23	Analyse and comment on my own and others' work either as an individual or as part of a team		
27.02.23			
06.03.23	Plan ways to improve my own and others performance		
13.03.23	Evaluate my own and others' work using ICT as a tool.		
20.03.23	Show that I understand the impact of skills, strategy, tactics and fitness on the quality of performance.		
27.03.23			
17.04.23	Start to plan ways to improve my own and others' performance.		
24.04.23	Suggest ways to monitor improvement.		
01.05.23	Organise, coach and choreograph confidently using a very good level of communication.		
08.05.23			
15.05.23	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.		
22.05.23			
05.06.23	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.		
12.06.23			

Food 'I Can Statements'

	'I Can' statements	Yes	No
12.09.22	Understand the importance of health & safety in the food room		
19.09.22	Give some basic rules about hygiene when handling food		
26.09.22	Demonstrate hygiene and safety whilst working in the food room		
03.10.22	Read and interpret a recipe		
10.10.22	Adapt a recipe to suit alternative lifestyles		
17.10.22	Recognise a range of kitchen equipment		
31.10.22	Use different types of knife holds		
07.11.22	Use a range of cooking equipment		
14.11.22	Clean the food room effectively		
21.11.22	Know where to look for equipment that I need		
28.11.22	Evaluate the nutritional value of a meal.		
05.12.22	Explain the health concerns of being overweight		
12.12.22	Recognise the main food groups according to the eatwell guide		
09.01.23	Understand and interpret food labels		
16.01.03	Understand portion sizes and portion control		
23.01.23	Cook using a range of different methods		
30.01.23	Decide the best method of cooking a particular food		
06.02.23	Can safely store food using a range of methods		
20.02.23	Identify the nutritional values of food		
27.02.23	Identify sweet and savoury flavours		
06.03.23	Present dishes in to a good standard		
13.03.23	Analyse and evaluate a variety of different types of pastry		
20.03.23	Create high quality pastry product.		
27.03.23	Analyse how Choux buns are made with suggested improvements.		
17.04.23	Understand what food miles and carbon footprint are.		
24.04.23	Explain ways that food miles and carbon footprint can be reduced		
01.05.23	Examine the methods used to make Caribbean chicken Jerk burger		
08.05.23	Use a sensory analysis chart to evaluate dishes		
15.05.23	Suggest improvements based on a sensory analysis		
22.05.23	Develop my own recipes from scratch		

DT 'I Can Statements'

	'I Can' statements	Yes	No
12.09.22	Identify risks		
19.09.22	Match PPE to potential hazards		
26.09.22	Describe what a prototype is		
03.10.22	Explain why prototypes are used		
10.10.22	Explain the different manufacturing scales		
17.10.22	Explore how culture can influence a design idea		
31.10.22	Understand the environmental effects of new products		
07.11.22	Describe economic benefits of design ideas		
14.11.22	Research existing products to generate new ideas		
21.11.22	Explore methods of research of a prototype		
28.11.22	Write questions for market research		
05.12.22	Sketch initial designs for a product		
12.12.22	Develop design ideas		
09.01.23	Understand different forces		
16.01.03	Describe what dynamic forces are and give examples		
23.01.23	Describe what static forces are and give examples		
30.01.23	Know the differences between a variety of loads		
06.02.23	Know the difference between a variety of forces		
20.02.23	Evaluate a design idea		
27.02.23	Produce a working drawing of a design		
06.03.23	Plan materials for making a prototype		
13.03.23	Make a prototype		
20.03.23	Test a prototype against static forces		
27.03.23	Test a prototype against dynamic forces		
17.04.23	Evaluate a prototype product		
24.04.23	Make changes to a design following evaluation		
01.05.23	Understand the importance of problem solving through new product designs		
08.05.23	Understand the impact of innovative design on society		
15.05.23	Understand how new technologies can bring about new products		
22.05.23	Explain importance of recycling in design and technology		