GREENSHAW learning trust

## Gloucester Academy

## Unit 3

## Year 10

# Knowledge Organiser CORE SUBJECTS 

Knowledge is power. Information is liberating.

## Logins:

School email

Username: $\qquad$ @gloucesteracademy.co.uk

Password: $\qquad$

School computer

Username: $\qquad$


Password: $\qquad$
sparx.co.uk
Username: $\qquad$
Password: $\qquad$

## Contents:

Homework Guidance: ..... 3
Example page: ..... 4
Homework Timetable: ..... 5
Maths Homework - Sparx Maths ..... 6
Science Knowledge Organiser - Mondays ..... 7
Maths Knowledge Organiser Foundation - Mondays ..... 10
Maths Knowledge Organiser Higher - Mondays ..... 13
English Language Knowledge Organiser - Tuesdays ..... 16
English Literature Knowledge Organiser - Tuesdays ..... 19
Character Education ..... 22

## Homework Guidance:

Knowledge Organiser homework is based on self-quizzing. It is expected that you complete one page of self-quizzing, every day. This should take around 30 minutes. You should not leave blank lines on the page, including in between pieces of information (if you are self-quizzing diagrams, you can use more than one line to copy the diagram into your practice book). The information you self-quiz should be numbered in your practice book with the same numbers used on the Subject Knowledge Organiser. Tutors will check your practice book. They will be looking for a full page of self-quizzing on the correct numbers of the Subject Knowledge Organiser, as well as for purple pen ticks/corrections and good presentation (including your H/W, Title and Date underlined with a ruler). Your writing needs to be neat and legible. If we feel that any of these elements are not up to standard, you will be issued with a same day detention.

A demonstrational video can be found here:
https://www.gloucesteracademy.com/students/homework-and-revision-guidance/knowledge-organisers
These are the steps you should follow to complete effective self-quizzing:
look $\square$ repeatedly say aloud $\square$ cover $\square$ write $\square$ check
I. Identify the Subject Knowledge Organiser segment for the day from your homework timetable.
2. Open up your practice book and on the top line, write ' $\mathrm{H} / \mathrm{W}$ ' in the margin. On the other side of the margin line, write the Title (the subject you are completing) the Week (which week you are completing). Write the Date on the right hand side. Underline everything with a ruler.
3. Place your Subject Knowledge Organiser segment in front of you. Start with the first numbered piece of information within the weekly segment. Read and memorise the information - we recommend saying it aloud. Repeat the process several times, until you are confident to write the knowledge point down.
4. Close your Subject Knowledge Organiser or cover up the piece of information, and try to recall the knowledge. On the line directly beneath your H/W, Title and Date, write the correct number from the Subject Knowledge Organiser and the piece of information from memory, ensuring there are no blank lines.
5. Check it and correct any mistakes. Open up your Subject Knowledge Organiser and look at the piece of information - using a purple pen tick the piece of information in your practice book if you have recalled it correctly (word for word, correctly spelled). If you have incorrectly recalled or missed any part of the information, use your purple pen to put a cross next to that knowledge point.
6. If you recalled the piece of information incorrectly, go back to step 3 and in purple pen, repeat the process again for the same piece of information (cover up previous attempts in your practice book as well as the piece of information in your Subject Knowledge Organiser). When you have recalled the information correctly, tick the attempt and move on to the next piece of information within the weekly segment.
7. Repeat the steps above until you have recalled and written down all pieces of information within the weekly segment. If this has not filled one full page of your practice book, go back to the first piece of information within the weekly segment and repeat the process again, until you have filled an entire page.

H/W Science week 3
21 September 2020

1. A cell. This is the simplest unit of a living organism.
2. Cell membrane. This is a ptpartaly premamble barrier and controls what goes in and our of the all. X
3. Cell membrane. This is a partially permeable barrier and controls what goes in and out of the cell.
4. Cytoplasm. This is a jelly-like substance in cells where chemical reachons occur.
5. Nucleus. This contains DNA and cortoles the all.
6. Mitocondion. A sub-cellular structure where respiration takes place to make energy. $X$
5 Mitochondrion. A sub-cellular shnchre where respiration takes place to make energy.
7. Hypothesis. An idea that explains how or why something happens.
8. Predictor. A statement suggesting what you think will happen in an experiment / investigator
9. Consol variable. The variable that must be kept constant so that it doesn't affect the outcome of the investigator. (variable = something that can change in an experiment).
10. Independent variable. The variable that is changed in an experiment/inveshigation. (variable = something that can change is an experiment)
11. Dependent variable. The variable that is recorded and measmed for each change of the ide pen dent variable. (variable = some ming not con change in an experiment) $x$
12. Dependent variable. The variable that is measured

## Homework Timetable:

You are expected to complete at least 30 minutes of homework in your practice book every day. You are expected to complete Sparx Maths homework which we recommend you split into three sessions, per week. Each of these are expected to take up to I hour.

|  | Monday | Tuesday | Wednesday | Thursday | Friday | Weekend |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Knowledge Organiser <br> in your practice book <br> $\mathbf{3 0}$ minutes |  <br> Maths | English <br>  <br> English <br> Literature | Choice 1 | Choice 2 | Choice 3 | Choice 4 |
| Online session <br> $\mathbf{3 0}$ minutes | Sparx Maths |  | Sparx Maths |  | - | - |

Self-tracker:

| Week | Homework | Monday | Tuesday | Wednesday | Thursday | Friday | Weekend |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| I | KO |  |  |  |  |  |  |
| w/c 17/04/23 | Online |  |  |  |  |  |  |
| 2 | KO |  |  |  |  |  |  |
| w/c 24/04/23 | Online |  |  |  |  |  |  |
| 3 | KO |  |  |  |  |  |  |
| w/c 01/05/23 | Online |  |  |  |  |  |  |
| 4 | KO |  |  |  |  |  |  |
| w/c 08/05/23 | Online |  |  |  |  |  |  |
| $5$ | KO |  |  |  |  |  |  |
| w/c 15/05/23 | Online |  |  |  |  |  |  |
| 6 | KO |  |  |  |  |  |  |
| w/c 22/05/23 | Online |  |  |  |  |  |  |
| 7 | KO |  |  |  |  |  |  |
| w/c 05/06/23 | Online |  |  |  |  |  |  |
| 8 | KO |  |  |  |  |  |  |
| w/c 12/06/23 | Online |  |  |  |  |  |  |
| $9$ | KO |  |  |  |  |  |  |
| w/c 19/06/23 | Online |  |  |  |  |  |  |
| 10 | KO |  |  |  |  |  |  |
| w/c 26/06/23 | Online |  |  |  |  |  |  |

## Maths Homework - Sparx Maths

You will get one sparx.co.uk assignment to complete each week, which will be set on a Monday and will be due the following Monday. Your homework is made up of personalised questions that will help you develop your learning in maths. This will include topics you have covered within the past week and some older material for you to revise. The homework may include multiple tasks. We suggest you split it into three manageable chunks and complete this every Wednesday, Friday and Monday.

You should be able to complete all of the questions without too much support, however, if there is a question which you are finding hard to complete, we recommend you watch the video. If you are still unable to solve the question, move on to the next one and talk to your teacher before it's due.

Every Wednesday you will need to show your maths teacher your orange homework booklet to show your maths homework. Your teacher will be looking to see that you have:

- Written down the bookwork code
- Written down your workings and answers
- Marked your own work in purple pen, made corrections, and written down your score at the end.


## Don't forget every lunchtime there is homework support!

For more information and guidance please go to:
https://www.gloucesteracademy.com/students/homework-and-revision-guidance/sparx-maths

## How to log in to Sparx - new students

1. Go to sparx.co.uk, click Log in and choose Student login
2. Start typing the name of your school in the Select Your School box, making sure you click on the correct school name when it comes up. Click Continue.
3. Click the New User? button at the bottom of the box.
4. Fill in your Name and Date of Birth.
5. Click Submit. You will be given a username and password - you must remember it!
6. Click Finish. You will be asked to re-enter your username and password. This is to help you remember it.

Now you can log in with your Username and Password :)

sparx

## Science Knowledge Organiser - Mondays

| Week 1 | Piece of Information | Answer |
| ---: | :--- | :--- |
| 1 | Compound | A substance made from different elements chemically bonded together. |
| 2 | Mixture | Multiple compounds or elements mixed together but not chemically joined. |
| 3 | Atom | The smallest part of an element. |
| 4 | Element | A substance containing only one type of atom. |
| 5 | Evaporating | When a liquid turns to gas. |
| 6 | Condensing | When a gas turns to liquid. |
| 7 | Risk assessment | The identification and evaluation of potential harm. |
| 8 | Dependent variable | A factor that we measure. |
| 9 | Accurate measurement | Close to the true value. |
| 10 | Precise measurement | Results cluster closely. |


| Week 2 | Piece of Information | Answer |
| ---: | :--- | :--- |
| 1 | Melting | When a solid turns to liquid. |
| 2 | Freezing | When a liquid turns to solid. |
| 3 | Sublimation | When a solid turns to a gas, rare. |
| 4 | Mean | Total of all the values divided by the number of values. |
| 5 | Control variable | A factor that we keep the same. |
| 6 | Chromosome | Structures in the nucleus that contain DNA. |
| 7 | Current | Flow of electric charge. Measured in Amperes (A) |
| 8 | Potential Difference | A measure of how much energy is transferred between two points in a circuit. |
| 9 | Resistance | The opposition in an electrical component to the movement of electrical <br> charge through it. Measured in ohms. |
| 10 | In Series | Circuit with only one path for the current to flow. |


| Week 3 | Piece of Information | Answer |
| ---: | :--- | :--- |
| 1 | In Parallel | Current divides into two or more paths before recombining to complete the <br> circuit. |
| 2 | Directly proportional | When two quantities are directly proportional, doubling one quantity will cause <br> the other quantity to double. |
| 3 | Variable resistor | allows current to be varied. |
| 4 |  | Thermistor |
| 5 | Diode |  |
| 6 | Compound | A substance made from different elements chemically bonded together. |
| 7 | Mixture | Multiple compounds or elements mixed together but not chemically joined. |
| 8 | Atom | The smallest part of an element. |
| 9 | Element | A substance containing only one type of atom. |
| 10 | Evaporating | When a liquid turns to gas. |


| Week 4 | Piece of Information | Answer |
| ---: | :--- | :--- |
| 21 | Light emitting diode (LED) |  |
| 2 | Light dependent resistor <br> (LDR) | resistance low in bright light, high in dim light. |
| 3 | Mass = Density x volume | The equation for density |
| 4 | Alpha Particle Scattering <br> Experiment | An experiment that showed that the mass of the atom is concentrated at its <br> centre (in the nucleus). |
| 5 | Alpha particle | A particle formed from two protons and two neutrons. |
| 6 | Condensing | When a gas turns to liquid. |
| 7 | Risk assessment | The identification and evaluation of potential harm. |
| 8 | Dependent variable | A factor that we measure. |
| 9 | Accurate measurement | Close to the true value. |
| 10 | Precise measurement | Results cluster closely. |


| Week 5 | Piece of Information | Answer |
| ---: | :--- | :--- |
| 1 | Beta particle | A fast moving electron. |
| 2 | Gamma ray | An electromagnetic wave. |
| 3 | Half Life | The time taken for the number of nuclei in a radioactive isotope to halve. |
| 4 | Irradiation | The process of exposing an object to nuclear radiation but the object does <br> not become radioactive. |
| 5 | Nucleus | Contains DNA and controls the function of a cell |
| 6 | Melting | When a solid turns to liquid. |
| 7 | Freezing | When a liquid turns to solid. |
| 8 | Sublimation | When a solid turns to a gas, rare. |
| 9 | Mean | Total of all the values divided by the number of values. |
| 10 | Control variable | A factor that we keep the same. |


| Week 6 | Piece of Information | Answer |
| ---: | :--- | :--- |
| 1 | Cell Membrane | Partially permeable membrane that controls the diffusion of substances in <br> and out of the cell |
| 2 | Cytoplasm | Where chemical reactions take place within a cell |
| 3 | Mitochondria | Generate the energy needed to power the cell |
| 4 | Vacuole | A space inside the cell containing cell sap |
| 5 | Cell Wall | Made from cellulose, strengthens and supports the cell |
| 6 | Chromosome | Structures in the nucleus that contain DNA. |
| 7 | Current | Flow of electric charge. Measured in Amperes (A) |
| 8 | Potential Difference | A measure of how much energy is transferred between two points in a circuit. |
| 9 | Resistance | The opposition in an electrical component to the movement of electrical <br> charge through it. Measured in ohms. |
| 10 | In Series | Circuit with only one path for the current to flow. |


| Week 7 | Piece of Information | Answer |
| ---: | :--- | :--- |
| 1 | Chloroplasts | Site of photosynthesis |
| 2 | Chlorophyll | Green pigment which traps sunlight. |
| 3 | Stem Cells | A cell which has not undergone cell differentiation. Can become any type of <br> cell. |
| 4 | Soluble | The substance will dissolve to make a solution |
| 5 | System | An object or group of objects that interact |
| 6 | In Parallel | Current divides into two or more paths before recombining to complete the <br> circuit. |
| 7 | Directly proportional | When two quantities are directly proportional, doubling one quantity will <br> cause the other quantity to double. |
| 8 | Variable resistor | allows current to be varied. |


| Week 8 | Piece of Information | Answer |  |
| ---: | :--- | :--- | :---: |
| 1 | Neutron | A subatomic particle with no charge. |  |
| 2 | Proton | Positively charged subatomic particle. |  |
| 3 | Electron | Negatively charged subatomic particle. |  |
| 4 | Mass Number | The total number of protons and neutrons in an atom |  |
| 5 | Atomic Number | The number of protons in an atom |  |
| 6 | Light emitting diode (LED) |  |  |
| 7 |  | Light dependent resistor <br> (LDR) |  |
| 8 | LDemits light when a current flows through it. |  |  |


| Week 9 | Piece of Information | Answer |
| ---: | :--- | :--- |
| 1 | Beta particle | A fast moving electron. |
| 2 | Gamma ray | An electromagnetic wave. |
| 3 | Half Life | The time taken for the number of nuclei in a radioactive isotope to halve. |
| 4 | Irradiation | The process of exposing an object to nuclear radiation but the object does <br> not become radioactive. |
| 5 | Nucleus | Contains DNA and controls the function of a cell |
| 6 | Cell Membrane | Partially permeable membrane that controls the diffusion of substances in <br> and out of the cell |
| 7 | Cytoplasm | Where chemical reactions take place within a cell |
| 8 | Mitochondria | Generate the energy needed to power the cell |
| 9 | Vacuole | A space inside the cell containing cell sap |
| 10 | Cell Wall | Made from cellulose, strengthens and supports the cell |


| Week 10 | Piece of Information | Answer |
| ---: | :--- | :--- |
| 1 | Chloroplasts | Site of photosynthesis |
| 2 | Chlorophyll | Green pigment which traps sunlight. |
| 3 | Stem Cells | A cell which has not undergone cell differentiation. Can become any type of <br> cell. |
| 4 | Soluble | The substance will dissolve to make a solution |
| 5 | System | An object or group of objects that interact |
| 6 | Neutron | A subatomic particle with no charge. |
| 7 | Proton | Positively charged subatomic particle. |
| 8 | Electron | Negatively charged subatomic particle. |
| 9 | Mass Number | The total number of protons and neutrons in an atom |
| 10 | Atomic Number | The number of protons in an atom |

## Maths Knowledge Organiser Foundation - Mondays

| Week 1 | Piece of Information | Answer |
| ---: | :--- | :--- |
| 1 | Surface area | The total area of the surface of a three-dimensional object. |
| 2 | Prism | A 3-dimensional shape with two identical shapes facing each other. |
| 3 | Cylinder | A three-dimensional shape with two circular ends joined by a curved surface. |
| 4 | Volume | The number of unit cubes that fills a 3-D shape. |
| 5 | Alternate angles | Equal angles on opposite sides of a transversal. |
| 6 | Corresponding angles | Equal angles on the same side of a transversal and in the same position <br> relative to lines intersected. |
| 7 | Co-interior | Angles that lie between two parallel lines and on the same side of a <br> transversal. They sum to $180^{\circ}$. |
| 8 | Polygon | A closed shape with three or more straight sides. |
| 9 | Interior angle | The inside angle between two sides of a polygon. |
| 10 | Exterior angle | An angle created outside a polygon by extending one side. |


| Week 2 | Piece of Information | Answer |
| ---: | :--- | :--- |
| 1 | Similar | Figures that are the same shape but different sizes. |
| 2 | Congruent | Exactly the same size and shape. |
| 3 | Isosceles triangle | A triangle in which two sides have the same length. |
| 4 | Data | A collection of information. gathered by observation, questioning or <br> measurement. |
| 5 | Population | A whole set of individuals, items or data from which a statistical sample is <br> drawn. |


| 6 | Discrete data | Numerical data that can only take certain values; often counting numbers. |
| ---: | :--- | :--- |
| 7 | Continuous data | Numerical data which can take any values; often a measurement. |
| 8 | Qualitative Data | Information that cannot be counted, measured or easily expressed using <br> numbers. |
| 9 | Quantitative Data | Information that can be written in numbers |
| 10 | Primary Data | Information that is collected for the first time by an investigator for a specific <br> purpose. |


| Week 3 | Piece of Information | Answer |
| ---: | :--- | :--- |
| 1 | Secondary Data | Information that is collected by someone other than the primary <br> user. |
| 2 | Composite Bar Chart | Charts where each bar displays multiple data points stacked in a single row <br> or column. |
| 3 | Time-series Graph | A series of data points graphed in time order. |
| 4 |  | A way of sorting data so that the frequency for two variables are shown in <br> rows and columns. |
| 5 | Bivariate Data | Data that contains two variables. |
| 6 | Surface area | The total area of the surface of a three-dimensional object. |
| 7 | Prism | A 3-dimensional shape with two identical shapes facing each other. |
| 8 | Cylinder | A three-dimensional shape with two circular ends joined by a curved surface. |
| 9 | Volume | The number of unit cubes that fills a 3-D shape. |
| 10 | Alternate angles | Equal angles on opposite sides of a transversal. |


| Week 4 | Piece of Information | Answer |
| ---: | :--- | :--- |
| 1 | Transformation | A process that changes an object. There are four main types of <br> transformations: Translation, reflection, rotation and enlargement. |
| 2 | Scale factor | The number used to multiply the lengths of the sides of a figure in order to <br> change the size of the figure. |
| 3 | Centre of enlargement | The point from which the distances to each point are multiplied by the scale <br> factor in order to enlarge a figure. |
| 4 | Plan View | The view of a 3D shape when it is looked at from above. |
| 5 | Elevation View | The view of a 3D shape when it is looked at from the side or from the front. |
| 6 | Corresponding angles | Equal angles on the same side of a transversal and in the same position <br> relative to lines intersected. |
| 7 | Co-interior | Angles that lie between two parallel lines and on the same side of a <br> transversal. They sum to 180 |
| 8 | Polygon | A closed shape with three or more straight sides. |
| 9 | Interior angle | The inside angle between two sides of a polygon. |
| 10 | Exterior angle | An angle created outside a polygon by extending one side. |


| Week 5 | Piece of Information | Answer |
| :--- | :--- | :--- |
| 1 | Protractor | A tool used to measure angles. |


| 2 | Compasses | A tool used for drawing circles or arcs. |
| ---: | :--- | :--- |
| 3 | Bisect | To divide into two equal parts. |
| 4 | Locus (Loci) | A set of points that meet a given condition. |
| 5 | Region | The area enclosed on a coordinate plane by a set of equations. |
| 6 | Similar | Figures that are the same shape but different sizes. |
| 7 | Congruent | Exactly the same size and shape. |
| 8 | Isosceles triangle | A triangle in which two sides have the same length. |
| 9 | Data | A collection of information. gathered by observation, questioning or <br> measurement. |
| 10 | Population | A whole set of individuals, items or data from which a statistical sample is <br> drawn. |


| Week 6 | Piece of Information | Answer |
| ---: | :--- | :--- |
| 1 | Three Figure Bearing | The angle in degrees measured clockwise from north. |
| 2 | Mutually Exclusive | When two or more events cannot happen at the same time. |
| 3 | Exhaustive | When all possible events are accounted for. |
| 4 | Product Rule | A rule used to count the total number of possible outcomes in a situation. |
| 5 | A $\cap$ B | A intersection B |
| 6 | Discrete data | Numerical data that can only take certain values; often counting numbers. |
| 7 | Continuous data | Numerical data which can take any values; often a measurement. |
| 8 | Qualitative Data | Information that cannot be counted, measured or easily expressed using <br> numbers. |
| 9 | Quantitative Data | Information that can be written in numbers |
| 10 | Primary Data | Information that is collected for the first time by an investigator for a specific <br> purpose. |


| Week 7 | Piece of Information | Answer |
| ---: | :--- | :--- |
| 1 | A U B | A union B |
| 2 | Venn Diagram | A diagram that uses circles to show the relationships among groups of things. |
| 3 | Sample space | The collection of all possible outcomes of an experiment or trial. |
| 4 | Relative Frequency | The number of times the event occurs divided by the total number of trials. |
| 5 | Independent event | An event where the result of the second event is not affected by the result of <br> the first event. |
| 6 | Secondary Data | Information that is collected by someone other than the primary <br> user. |
| 7 | Composite Bar Chart | Charts where each bar displays multiple data points stacked in a single row <br> or column. |
| 8 | Time-series Graph | A series of data points graphed in time order. |
| 9 | Two-way table | A way of sorting data so that the frequency for two variables are shown in <br> rows and columns. |
| 10 | Bivariate Data | Data that contains two variables. |


| Week 8 | Piece of Information | Answer |
| ---: | :--- | :--- |
| 1 | Vector | Describes a movement from one point to another. It has both direction and <br> magnitude (size). |
| 2 | Translation | A transformation that slides a figure in one direction. |
| 3 | Scalar | A quantity that has only magnitude (size). |
| 4 | Grouped data | Data that has been ordered and sorted into groups called classes, often <br> displayed in a frequency table. |
| 5 | Modal Class (Group) | The group with the highest frequency. |
| 6 | Transformation | A process that changes an object. There are four main types of <br> transformations: Translation, reflection, rotation and enlargement. |
| 7 | Scale factor | The number used to multiply the lengths of the sides of a figure in order to <br> change the size of the figure. |
| 8 | Centre of enlargement | The point from which the distances to each point are multiplied by the scale <br> factor in order to enlarge a figure. |
| 9 | Plan View | The view of a 3D shape when it is looked at from above. |
| 10 | Elevation View | The view of a 3D shape when it is looked at from the side or from the front. |


| Week 9 | Piece of Information | Answer |
| ---: | :--- | :--- |
| 1 | Protractor | A tool used to measure angles. |
| 2 | Compasses | A tool used for drawing circles or arcs. |
| 3 | Bisect | To divide into two equal parts. |
| 4 | Locus (Loci) | A set of points that meet a given condition. |
| 5 | Region | The area enclosed on a coordinate plane by a set of equations. |
| 6 | Three Figure Bearing | The angle in degrees measured clockwise from north. |
| 7 | Mutually Exclusive | When two or more events cannot happen at the same time. |
| 8 | Exhaustive | When all possible events are accounted for. |
| 9 | Product Rule | A rule used to count the total number of possible outcomes in a situation. |
| 10 | A $\cap$ B | A intersection B |


| Week 10 | Piece of Information | Answer |
| ---: | :--- | :--- |
| 1 | A $\cup$ B | A union B |
| 2 | Venn Diagram | A diagram that uses circles to show the relationships among groups of <br> things. |
| 3 | Sample space | The collection of all possible outcomes of an experiment or trial. |
| 4 | Relative Frequency | The number of times the event occurs divided by the total number of trials. |
| 5 | Independent event | An event where the result of the second event is not affected by the result of <br> the first event. |
| 6 | Vector | Describes a movement from one point to another. It has both direction and <br> magnitude (size). |


| 7 | Translation | A transformation that slides a figure in one direction. |
| ---: | :--- | :--- |
| 8 | Scalar | A quantity that has only magnitude (size). |
| 9 | Grouped data | Data that has been ordered and sorted into groups called classes, often <br> displayed in a frequency table. |
| 10 | Modal Class (Group) | The group with the highest frequency. |

## Maths Knowledge Organiser Higher - Mondays

| Week 1 | Piece of Information | Answer |
| ---: | :--- | :--- |
| 1 | Similar | Figures that are the same shape but different sizes. |
| 2 | $\mathrm{a}^{2}+\mathrm{b}^{2}=\mathrm{c}^{2}$ | Pythagoras' Theorem |
| 3 | Hypotenuse | The side opposite the right angle for a right angle triangle. |
| 4 | Angle of Elevation | The "upwards" angle from the horizontal to a line of sight from the observer to <br> some point of interest. |
| 5 | Angle of Depression | The "downwards" angle from the horizontal to a line of sight from the observer <br> to some point of interest. |
| 6 | $\sin (\theta)=\frac{\text { opposite }}{\text { hypotenuse }}$ | Sine ratio |
| 7 | $\cos (\theta)=\frac{\text { adjacent }}{\text { hypotenuse }}$ | Cosine ratio |
| 8 | $\tan (\theta)=\frac{\text { opposite }}{\text { adjacent }}$ | Tangent ratio |
| 9 | $\sin ^{-1}(\boldsymbol{\theta})$ |  |
| 10 | $\cos ^{-1}(\boldsymbol{\theta})$ | Inverse Sine |


| Week 2 | Piece of Information | Answer |
| ---: | :--- | :--- |
| 1 | tan $^{-1}(\boldsymbol{\theta})$ | Inverse Tangent |
| 2 | Frequency Tree | Uses branches to show the hierarchy of the frequencies. |
| 3 | Trigonometric Graph | The graph of a trigonometric function |
| 4 | b | The variable in $f(x+a)+b$ that translates a graph vertically |
| 5 | a | The variable in $f(x+a)+b$ that translates a graph horizontally |
| 6 | Product Rule for <br> Combined Events | Multiply the number of outcomes for each event together. |
| 7 | A $\cap$ B | A intersection B |
| 8 | A $\cup B$ | A union B |


| 9 | Two-way table | A way of sorting data so that the frequency for two variables are shown in <br> rows and columns. |
| ---: | :--- | :--- |
| 10 | Bivariate Data | Data that contains two variables. |


| Week 3 | Piece of Information | Answer |
| ---: | :--- | :--- |
| 1 | Conditional Probability | The likelihood of an event or outcome occurring, based on the occurrence of <br> a previous event or outcome. |
| 2 | Mutually Exclusive | When two or more events cannot happen at the same time. |
| 3 | Exhaustive | When all possible events are accounted for. |
| 4 | Product Rule for Counting | A rule used to count the total number of possible outcomes in a situation. |
| 5 | Grouped data | Data that has been ordered and sorted into groups called classes, often <br> displayed in a frequency table. |
| 6 | Similar | Figures that are the same shape but different sizes. |
| 7 | $a^{2}+b^{2}=c^{2}$ | Pythagoras' Theorem |
| 8 | Hypotenuse | The side opposite the right angle for a right angle triangle. |
| 9 | Angle of Elevation | The "upwards" angle from the horizontal to a line of sight from the observer to <br> some point of interest. |
| 10 | Angle of Depression | The "downwards" angle from the horizontal to a line of sight from the <br> observer to some point of interest. |


| Week 4 | Piece of Information | Answer |
| ---: | :--- | :--- |
| 1 | Venn Diagram | A diagram that uses circles to show the relationships among groups of things. |
| 2 | Cumulative Frequency | The total of a frequency and all frequencies so far in a frequency distribution. <br> It is the 'running total' of frequencies. |
| 3 | Box Plot | A diagram showing the spread of information by displaying 5 key points and <br> dividing the data into 4 equal proportions. |
| 4 | Maximum | The greatest quantity or value. |
| 5 | Minimum | The least quantity or value. |
| 6 | $\sin (\theta)=\frac{\text { opposite }}{\text { hypotenuse }}$ | Sine ratio |
| 7 | $\cos (\theta)=\frac{\text { adjacent }}{\text { hypotenuse }}$ | Cosine ratio |
| 8 | $\tan (\theta)=\frac{\text { opposite }}{\text { adjacent }}$ | Tangent ratio |
| 9 | $\sin ^{-1}(\boldsymbol{\theta})$ |  |
| 10 | $\cos ^{-1}(\boldsymbol{\theta})$ | Inverse Sine |


| Week 5 | Piece of Information | Answer |
| ---: | :--- | :--- |
| 1 | Median | The "middle" of a sorted list of numbers. |
| 2 | Lower Quartile | The median of the upper half of a data set. |
| 3 | Upper Quartile | The median of the upper half of a data set. |


| 4 | Interquartile Range | Describes the middle $50 \%$ of values when ordered from lowest to highest. It <br> is calculated by subtracting the lower quartile from the upper quartile. |
| ---: | :--- | :--- |
| 5 | Whisker | The line that goes from each quartile to the minimum or maximum. |
| 6 | $\tan ^{-1}(\boldsymbol{\theta})$ | Inverse Tangent |
| 7 | Frequency Tree | Uses branches to show the hierarchy of the frequencies. |
| 8 | Trigonometric Graph | The graph of a trigonometric function |
| 9 | b | The variable in $\mathrm{f}(\mathrm{x}+\mathrm{a})+\mathrm{b}$ that translates a graph vertically |
| 10 | a | The variable in $\mathrm{f}(\mathrm{x}+\mathrm{a})+\mathrm{b}$ that translates a graph horizontally |


| Week 6 | Piece of Information | Answer |
| ---: | :--- | :--- |
| 1 | Histogram | A bar chart when the area of each bar represents the frequency. |
| 2 | Frequency | The number of times an event or a value occurs. |
| 3 | Class Width | The difference between the upper and lower boundaries of any class |
| 4 | Unequal Class Intervals | Classes in a frequency table or histogram that are different sizes or widths. |
| 5 | Frequency Density | The ratio of the frequency of a class to its width. |
| 6 | Product Rule for <br> Combined Events | Multiply the number of outcomes for each event together. |
| 7 | A $\cap$ B | A intersection B |
| 8 | A U B | A union B |
| 9 | Two-way table | A way of sorting data so that the frequency for two variables are shown in <br> rows and columns. |
| 10 | Bivariate Data | Data that contains two variables. |


| Week 7 | Piece of Information | Answer |
| ---: | :--- | :--- |
| 1 | Percentiles | a score below or below which a given percentage of scores in its frequency <br> distribution falls |
| 2 | Set | The collection of elements or groups of objects |
| 3 | Element | any one of the distinct objects that belong to that set. |
| 4 | Universal Set | a set which has elements of all the related sets, without any repetition of <br> elements. |
| 5 | Vector | Describes a movement from one point to another. It has both direction and <br> magnitude (size). |
| 6 | Conditional Probability | The likelihood of an event or outcome occurring, based on the occurrence of <br> a previous event or outcome. |
| 8 | Mutually Exclusive | Exhaustive |


| Week 8 | Piece of Information | Answer |
| :--- | :--- | :--- |


| 1 | Vector Notation | Notation that describes a movement from one point to another. |
| ---: | :--- | :--- |
| 2 | Scalar | A quantity that has only magnitude (size). |
| 3 | Proof | A sequence of statements that follow on logically from each other that shows <br> that something is always true. |
| 4 | Scale factor | The number used to multiply the lengths of the sides of a figure in order to <br> change the size of the figure. |
| 5 | Invariance | A property of a mathematical object which remains unchanged after <br> transformations are applied to the objects. |
| 6 | Venn Diagram | A diagram that uses circles to show the relationships among groups of <br> things. |
| 7 | Cumulative Frequency | The total of a frequency and all frequencies so far in a frequency distribution. <br> It is the 'running total' of frequencies. |
| 8 | Box Plot | A diagram showing the spread of information by displaying 5 key points and <br> dividing the data into 4 equal proportions. |
| 9 | Maximum | The greatest quantity or value. |
| 10 | Minimum | The least quantity or value. |


| Week 9 | Piece of Information | Answer |
| ---: | :--- | :--- |
| 1 | Median | The "middle" of a sorted list of numbers. |
| 2 | Lower Quartile | The median of the upper half of a data set. |
| 3 | Upper Quartile | The median of the upper half of a data set. |
| 4 | Interquartile Range | Describes the middle $50 \%$ of values when ordered from lowest to highest. It <br> is calculated by subtracting the lower quartile from the upper quartile. |
| 5 | Whisker | The line that goes from each quartile to the minimum or maximum. |
| 6 | Histogram | A bar chart when the area of each bar represents the frequency. |
| 7 | Frequency | The number of times an event or a value occurs. |
| 8 | Class Width | The difference between the upper and lower boundaries of any class |
| 9 | Unequal Class Intervals | Classes in a frequency table or histogram that are different sizes or widths. |
| 10 | Frequency Density | The ratio of the frequency of a class to its width. |


| Week 10 | Piece of Information | Answer |
| ---: | :--- | :--- |
| 1 | Percentiles | l score below or below which a given percentage of scores in its frequency <br> distribution falls |
| 2 | Set | The collection of elements or groups of objects |
| 3 | Element | any one of the distinct objects that belong to that set. |
| 4 | Universal Set | a set which has elements of all the related sets, without any repetition of <br> elements. |
| 5 | Vector | Describes a movement from one point to another. It has both direction and <br> magnitude (size). |
| 6 | Vector Notation | Notation that describes a movement from one point to another. |
| 7 | Scalar | A quantity that has only magnitude (size). |


| 8 | Proof | A sequence of statements that follow on logically from each other that shows <br> that something is always true. |
| ---: | :--- | :--- |
| 9 | Scale factor | The number used to multiply the lengths of the sides of a figure in order to <br> change the size of the figure. |
| 10 | Invariance | A property of a mathematical object which remains unchanged after <br> transformations are applied to the objects. |

## English Language Knowledge Organiser - Tuesdays

| Week 1 | Piece of Information | Answer |
| ---: | :--- | :--- |
| 1 | Anecdote | A short story used to make a larger point. It adds a storytelling touch to your <br> explanatory or persuasive writing-connecting your ideas to real life. |
| 2 | Personal pronouns | A short word we use as a simple substitute for the proper name of a person. <br> E.g. you, he, she, it, we they, me, him, her, us. |
| 3 | Direct address | When a speaker is talking personally to an individual or group. |
| 4 | Anaphora | Repetition of a word or expression at the beginning of a group of sentences. |
| 5 | Analogy | A comparison between one thing and another, typically for the purpose of <br> explanation or clarification. |
| 6 | Hypophora | When a speaker poses a question and then answers the question. |
| 7 | Diacope | When a writer repeats a word or phrase with one or more words in between. <br> E.g. To be, or not to be. |
| 8 | Antithesis | A person or thing that is the direct opposite of someone or something else. |
| 9 | Epizeuxis | The immediate repetition of words or phrases without any intervening words. <br> E.g. 'The horror, the horror'. |
| 10 | Tricolon | Three words, phrases or sentences that are similar in structure, length and/or <br> rhythm. E.g. 'I will live in the past, the present and the future'. |


| Week 2 | Piece of Information | Answer |
| ---: | :--- | :--- |
| 1 | Prodigious | Remarkably or impressively great in extent, size, or degree. |
| 2 | Affinity | A natural liking for and understanding of someone or something. |
| 3 | Consensus | A general agreement |
| 4 | Laudable | (Of an action, idea, or aim) deserving praise. |
| 5 | Notorious | To be famous or well known, typically for some bad quality or deed. |
| 6 | Presumption | The act of believing that something is true without having any proof. |
| 7 | Denounce | To publicly declare something or someone to be wrong or evil. |
| 8 | Unprecedented | Something never done or known before. |
| 9 | Aspersion | An attack on the reputation or integrity of someone or something. |
| 10 | Unwavering | Steady, fixed or firm |


| Week 3 | Piece of Information | Answer |
| :--- | :--- | :--- |


| 1 | Zeal | To show great energy or enthusiasm |
| ---: | :--- | :--- |
| 2 | Invariably | To mean always or every time |
| 3 | Idyllic | Something that is pleasing or picturesque (attractive) |
| 4 | Approximately | Used to show that something is almost, but not completely, accurate or exact. |
| 5 | Fervently | Enthusiastically or passionately |
| 6 | Anecdote | A short story used to make a larger point. It adds a storytelling touch to your <br> explanatory or persuasive writing-connecting your ideas to real life. |
| 7 | Personal pronouns | A short word we use as a simple substitute for the proper name of a person. <br> E.g. you, he, she, it, we they, me, him, her, us. |
| 8 | Direct address | When a speaker is talking personally to an individual or group. |
| 9 | Anaphora | Repetition of a word or expression at the beginning of a group of sentences. |
| 10 | Analogy | A comparison between one thing and another, typically for the purpose of <br> explanation or clarification. |


| Week 4 | Piece of Information | Answer |
| ---: | :--- | :--- |
| 1 | Candid | To be truthful and straightforward |
| 2 | Vivacity | To be lively or very animated |
| 3 | Panacea | A solution or remedy for all difficulties or diseases |
| 4 | Intrepid | To be fearless |
| 5 | Ascertain | To find something out for certain or to make sure of something |
| 6 | Hypophora | When a speaker poses a question and then answers the question. |
| 7 | Diacope | When a writer repeats a word or phrase with one or more words in between. <br> E.g. To be, or not to be. |
| 8 | Antithesis | A person or thing that is the direct opposite of someone or something else. |
| 9 | Epizeuxis | The immediate repetition of words or phrases without any intervening words. <br> E.g. 'The horror, the horror'. |
| 10 | Tricolon | Three words, phrases or sentences that are similar in structure, length and/or <br> rhythm. E.g. 'I will live in the past, the present and the future'. |


| Week 5 | Piece of Information | Answer |
| ---: | :--- | :--- |
| 1 | Detrimental | Tending to cause harm |
| 2 | Appalling | To be horrific or shocking |
| 3 | Salient | Most noticeable or important |
| 4 | Compel | To force or oblige (someone) to do something |
| 5 | Plethora | A large or excessive amount of something |
| 6 | Prodigious | Remarkably or impressively great in extent, size, or degree. |
| 7 | Affinity | A natural liking for and understanding of someone or something. |
| 8 | Consensus | A general agreement |
| 9 | Laudable | (Of an action, idea, or aim) deserving praise. |
| 10 | Notorious | To be famous or well known, typically for some bad quality or deed. |


| Week 6 | Piece of Information | Answer |
| ---: | :--- | :--- |
| 1 | Deficient | Not having enough of a specified quality or ingredient |
| 2 | Exorbitant | An unreasonably high price for something |
| 3 | Utterly | This is another word for absolutely |
| 4 | Incomprehensible | Not able to be understood |
| 5 | Myriad | A countless or extremely great number of people or things |
| 6 | Presumption | The act of believing that something is true without having any proof. |
| 7 | Denounce | To publicly declare something or someone to be wrong or evil. |
| 8 | Unprecedented | Something never done or known before. |
| 9 | Aspersion | An attack on the reputation or integrity of someone or something. |
| 10 | Unwavering | Steady, fixed or firm |


| Week 7 | Piece of Information | Answer |
| ---: | :--- | :--- |
| 1 | Egregious | Outstandingly bad or shocking |
| 2 | Erroneous | Wrong or incorrect |
| 3 | Engenders | To cause or give rise to (a feeling, situation, or condition) |
| 4 | Advantageous | Something that increases chances of success or effectiveness, something <br> beneficial. |
| 5 | Galvanise | To shock or excite (someone) into taking action |
| 6 | Zeal | To show great energy or enthusiasm |
| 7 | Invariably | To mean always or every time |
| 8 | Idyllic | Something that is pleasing or picturesque (attractive) |
| 9 | Approximately | Used to show that something is almost, but not completely, accurate or exact. |
| 10 | Fervently | Enthusiastically or passionately |


| Week 8 | Piece of Information | Answer |
| ---: | :--- | :--- |
| 1 | Substantiate | To provide evidence to support or prove the truth of something |
| 2 | Superfluous | Unnecessary, especially through being more than enough |
| 3 | Impeccable | To be flawless, or excellent in quality |
| 4 | Inept | Having or showing no skill, to be clumsy |
| 5 | Inhibit | To prevent an action or process, to hold something or someone back |
| 6 | Candid | To be truthful and straightforward |
| 7 | Vivacity | To be lively or very animated |
| 8 | Panacea | A solution or remedy for all difficulties or diseases |
| 9 | Intrepid | To be fearless |
| 10 | Ascertain | To find something out for certain or to make sure of something |


| Week 9 | Piece of Information | Answer |
| :--- | :--- | :--- |
| 1 | Detrimental | Tending to cause harm |


| 2 | Appalling | To be horrific or shocking |
| ---: | :--- | :--- |
| 3 | Salient | Most noticeable or important |
| 4 | Compel | To force or oblige (someone) to do something |
| 5 | Plethora | A large or excessive amount of something |
| 6 | Deficient | Not having enough of a specified quality or ingredient |
| 7 | Exorbitant | An unreasonably high price for something |
| 8 | Utterly | This is another word for absolutely |
| 9 | Incomprehensible | Not able to be understood |
| 10 | Myriad | A countless or extremely great number of people or things |


| Week 10 | Piece of Information | Answer |
| ---: | :--- | :--- |
| 1 | Egregious | Outstandingly bad or shocking |
| 2 | Erroneous | Wrong or incorrect |
| 3 | Engenders | To cause or give rise to (a feeling, situation, or condition) |
| 4 | Advantageous | Something that increases chances of success or effectiveness, something <br> beneficial. |
| 5 | Galvanise | To shock or excite (someone) into taking action |
| 6 | Substantiate | To provide evidence to support or prove the truth of something |
| 7 | Superfluous | Unnecessary, especially through being more than enough |
| 8 | Impeccable | To be flawless, or excellent in quality |
| 9 | Inept | Having or showing no skill, to be clumsy |
| 10 | Inhibit | To prevent an action or process, to hold something or someone back |

## English Literature Knowledge Organiser - Tuesdays

| Week 1 <br> $12 / 12 / 22$ | Piece of Information | Answer |
| ---: | :--- | :--- |
| 1 | Tissue quote (beginning) | "Maps too. The sun shines through their borderlines" |
| 2 | Tissue quote (middle) | "Let the daylight break through capitals and monoliths" |
| 3 | Tissue quote (end) | "With living tissue, raise a structure never meant to last" |
| 4 | London quote (beginning) | "Marks of weakness, marks of woe" |
| 5 | London quote (middle) | "Every blackning Church appalls" |
| 6 | London quote (end) | "Harlots curse blasts the new-born infant's tear" |
| 7 | My Last Duchess quote <br> (beginning) | "That's my last duchess painted on the wall, looking as if she were alive" |
| 8 | My Last Duchess quote <br> (middle) | "All smiles stopped together" |
| 9 | My Last Duchess quote <br> (end) | "Neptune taming a sea-horse" |

A type of poem in which a speaker addresses an internal listener or the reader.

| Week 2 | Piece of Information | Answer |
| ---: | :--- | :--- |
| 2 | Checking out me history <br> quote (beginning) | "Dem tell me, dem tell me" |
| 3 | Checking out me history <br> quote (middle) | "A healing star among the wounded, a yellow sunrise to the dying" |
| quote (end) |  |  |$\quad$| Storm on the Island quote |
| :--- |
| (beginning) |$\quad$ "We are prepared: we build our houses squat" | 5 | Storm on the Island quote <br> (middle) | "The spray spits like a tame cat turned savage" |
| ---: | :--- | :--- |
| 6 | Storm on the Island quote <br> (end) | "Strange, it is a huge nothing that we fear" |
| 7 | Prelude quote (beginning) "(Led by her)" |  |
| 8 | Prelude quote (middle) | "Heaved like a swan" |
| 9 | Prelude quote (end) | "I struck and struck again...the grim shape towered up" |
| 10 | Stanza | A group of lines in a poem. |


| Week 3 | Piece of Information | Answer |
| ---: | :--- | :--- |
| 1 | Remains quote <br> (beginning) | "We got sent out to tackle looters" |
| 2 | Remains quote (middle) | "Every round rips through his life" |
| 3 | Remains quote (end) | "His bloody life, in my bloody hands" |
| 4 | Volta | In poetry, this is a turn, shift or dramatic change in thought and/or emotion. |
| 5 | Caesura | A piece of punctuation used in the middle of a line of poetry. |
| 6 | Tissue quote (beginning) | "Maps too. The sun shines through their borderlines" |
| 7 | Tissue quote (middle) | "Let the daylight break through capitals and monoliths" |
| 8 | Tissue quote (end) | "With living tissue, raise a structure never meant to last" |
| 9 | London quote (beginning) | "Marks of weakness, marks of woe" |
| 10 | London quote (middle) | "Every blackning Church appalls" |


| Week 4 | Piece of Information | Answer |
| ---: | :--- | :--- |
| 1 | Poppies quote (beginning) | "Spasms of paper red" |
| 2 | Poppies quote (middle) | "Gelled blackthorns of your hair" |
| 3 | Poppies quote (end) | "Hoping to catch your playground voice on the wind" |
| 4 | Enjambment | When the meaning in a line of poetry runs from one line in to the next, with no <br> punctuation at the end of the line. |
| 5 | Refrain | A line or lines that are repeated in music or in poetry. |
| 6 | London quote (end) | "Harlots curse blasts the new-born infant's tear" |
| 77My Last Duchess quote <br> (beginning) | "That's my last duchess painted on the wall, looking as if she were alive" |  |
| 8 | My Last Duchess quote <br> (middle) | "All smiles stopped together" |


| 9 | My Last Duchess quote <br> (end) | "Neptune taming a sea-horse" |
| ---: | :--- | :--- |
| 10 | Dramatic monologue | A type of poem in which a speaker addresses an internal listener or the <br> reader. |


| Week 5 | Piece of Information | Answer |
| ---: | :--- | :--- |
| 1 | Charge of the Light <br> Brigade quote (beginning) | "The mouth of hell" |
| 2 | Charge of the Light <br> Brigade quote (middle) | "Sabres flashed" |
| 3 | Charge of the Light <br> Brigade quote (end) | "All the world wondered" |
| 4 | Syllable | Part of a word that contains a single vowel sound and that is pronounced as a <br> unit. E.g.: "book" has one syllable, and "reading" has two syllables. |
| 6 | Checking out me history <br> quote (beginning) | Two stressed syllables, where each stressed syllable is followed by two <br> unstressed syllables. |
| 7 | Checking out me history <br> quote (middle) | "A healing star among the wounded, a yellow sunrise to the dying" |
| 8 | Checking out me history tell me" <br> quote (end) | "I carving out me identity" |
| 9 | Storm on the Island quote <br> (beginning) | "We are prepared: we build our houses squat" |
| 10 | Storm on the Island quote <br> (middle) | "The spray spits like a tame cat turned savage" |


| Week 6 | Piece of Information | Answer |
| ---: | :--- | :--- |
| 1 | Exposure quote <br> (beginning) | "Our brains ache, in the merciless iced east winds that knife us" |
| 2 | Exposure quote (middle) | "Sudden successive flights of bullets streak the silence" |
| 3 | Exposure quote (end) | "All their eyes are ice" |
| 4 | Assonance | The repetition of the same or similar vowel sounds within words, phrases, or <br> sentences. E.g.: the long "o" in the words "soak", "know" and "grow". |
| 5 | Pararhyme | A partial or imperfect rhyme which does not rhyme fully but uses similar <br> rather than identical vowels. |
| 6 | Storm on the Island quote <br> (end) | "Strange, it is a huge nothing that we fear" |
| 7 | Prelude quote (beginning) | "(Led by her)" |
| 8 | Prelude quote (middle) | "Heaved like a swan" |
| 9 | Prelude quote (end) | "I struck and struck again...the grim shape towered up" |
| 10 | Stanza | A group of lines in a poem. |


| Week 7 | Piece of Information | Answer |
| ---: | :--- | :--- |
| 1 | Kamikaze quote <br> (beginning) | "Fishing boats strung out like bunting" |
| 2 | Kamikaze quote (middle) | "He must have wondered which had been the better way to die" |
| 3 | Kamikaze quote (end) | "Powerful incantations" |
| 4 | Narrative poem | A poem that tells a story. |


| 5 | Anaphora | The repetition of the same word or phrase at the beginning of each line. |
| ---: | :--- | :--- |
| 6 | Tissue quote (beginning) | "Maps too. The sun shines through their borderlines" |
| 7 | Tissue quote (middle) | "Let the daylight break through capitals and monoliths" |
| 8 | Tissue quote (end) | "With living tissue, raise a structure never meant to last" |
| 9 | London quote (beginning) | "Marks of weakness, marks of woe" |
| 10 | London quote (middle) | "Every blackning Church appalls" |


| Week 8 | Piece of Information | Answer |
| ---: | :--- | :--- |
| 1 | The Émigrée quote <br> (beginning) | "Bright, filled paperweight" |
| 2 | The Émigrée quote <br> (middle) | "They circle me" |
| 3 | The Émigrée quote (end) | "Sick with tyrants" |
| 4 | Allusion | A figure of speech that refers to a famous person, place, or historical <br> event-either directly or through implication. |
| 5 | Allegory | A piece of writing that can reveal a hidden meaning, typically a moral or <br> political one. |
| 6 | London quote (end) | "Harlots curse blasts the new-born infant's tear" |
| 7 | My Last Duchess quote <br> (beginning) | "That's my last duchess painted on the wall, looking as if she were alive" |
| 8 | My Last Duchess quote <br> (middle) | "All smiles stopped together" |
| 9 | My Last Duchess quote <br> (end) | "Neptune taming a sea-horse" |
| 10 | Dramatic monologue | A type of poem in which a speaker addresses an internal listener or the <br> reader. |


| Week 9 | Piece of Information | Answer |
| ---: | :--- | :--- |
| 1Checking out me history <br> quote (beginning) | "Dem tell me, dem tell me" |  |
| 2Checking out me history <br> quote (middle) | "A healing star among the wounded, a yellow sunrise to the dying" |  |
| 3 | Checking out me history <br> quote (end) | "I carving out me identity" |
| 4 | Storm on the Island quote <br> (beginning) | "We are prepared: we build our houses squat" |
| 5 | Storm on the Island quote <br> (middle) | "The spray spits like a tame cat turned savage" |
| 6 | Storm on the Island quote <br> (end) | "Strange, it is a huge nothing that we fear" |
| 7 | Prelude quote (beginning) | "(Led by her)" |
| 8 | Prelude quote (middle) | "Heaved like a swan" |
| 9 | Prelude quote (end) | "I struck and struck again...the grim shape towered up" |
| 10 | Stanza | A group of lines in a poem. |

Week 10
Piece of Information Answer

| 1 | Tissue quote (beginning) | "Maps too. The sun shines through their borderlines" |
| ---: | :--- | :--- |
| 2 | Tissue quote (middle) | "Let the daylight break through capitals and monoliths" |
| 3 | Tissue quote (end) | "With living tissue, raise a structure never meant to last" |
| 4 | London quote (beginning) | "Marks of weakness, marks of woe" |
| 5 | London quote (middle) | "Every blackning Church appalls" |
| 6 | London quote (end) | "Harlots curse blasts the new-born infant's tear" |
| 7 | My Last Duchess quote <br> (beginning) | "That's my last duchess painted on the wall, looking as if she were alive" |
| 8 | My Last Duchess quote <br> (middle) | "All smiles stopped together" |
| 9 | My Last Duchess quote <br> (end) | "Neptune taming a sea-horse" |
| 10 | Dramatic monologue | A type of poem in which a speaker addresses an internal listener or the <br> reader. |

## Character Education

## Our vision

Character Education will help you to develop your confidence, compassion, and enable you to contribute effectively to society, be a successful learner and a responsible citizen. By focusing on these character challenges you will also develop self esteem and a better understanding and respect for others, as well as an awareness of wider spiritual and cultural issues. The challenges and experiences listed below will ensure you are able to climb your own personal mountain to the very best universities and professions.

## How to earn and record your badges

- For each badge you complete you will need to have them signed off by a member of staff.
- Remember for some of your badges you will need to provide evidence.
- Miss Exton and Miss Blick will then present you with your badge on completion.
- You will update your main Character booklet each week in tutor time.
- You will need to achieve each badge before being awarded the next, for example; you cannot achieve gold if you have not completed the bronze or silver in that badge category.


## Ambition - Excellence - Pride

## Ambition

| Badge | Badge Level | You must... | Achieved? | Staff <br> Signature |
| :---: | :---: | :---: | :---: | :---: |
| Culture <br> This is a demonstration of ambition because you are working outside of your comfort zone. | Bronze | Perform your creative talent at school. |  |  |
|  | Silver | Take part in three different events within the following: school drama performance, dance performance, art exhibition, orchestra/ band or a sporting tournament. |  |  |
|  | Gold | Take part in ten or more different events listed above. |  |  |
| Academia <br> This is a demonstration of ambition because you are exploring opportunities available to you after Gloucester Academy. | Bronze | Attend 3 external Higher Academic Events (careers lectures/college/sixth form/university visit). |  |  |
|  | Silver | Visit a Russell Group University. |  |  |
|  | Gold | Successfully secure an offer at a sixth form or college to complete A-Levels / Apprenticeship. |  |  |
| Futures <br> This is a demonstration of ambition because you are | Bronze | Take part in a one-to-one interview with a career's advisor. |  |  |


| climbing your own <br> personal mountain to the <br> very best universities and <br> professions. | Silver | To produce a high-quality CV checked by <br> SLT/Careers adviser. | Gold | To secure a professional work experience <br> placement. |
| :---: | :---: | :---: | :--- | :--- |
| This is a demonstration of <br> ambition because you are <br> expanding your <br> vocabulary. | Bronze | To read 25 books and complete book reviews. |  |  |
|  | Silver | To read 50 books and complete book reviews. |  |  |

## Ambition - Excellence - Pride

## Excellence

| Badge | Badge Level | You must... | Achieved? | Staff <br> Signature |
| :---: | :---: | :---: | :---: | :---: |
| Sport <br> This is a demonstration of <br> excellence because you are <br> representing your school. | Bronze | Play in 10 competitive sports matches or <br> competitions for the school team. |  |  |
| This is a demonstration of <br> excellence because you are <br> helping others. | Bronze | Play in 25 competitive sports matches or <br> competitions for the school team. | Be an active member of an in-school community <br> for one unit; GA prep, an enrichment activity or <br> homework support. | Play in a competitive sports match or competition <br> regionally or nationally. |


| This is a demonstration of <br> excellence because you are <br> being a role model to others. | Silver | Have impacted change or improvement as a leader <br> (provide evidence of what you have achieved). |  |  |
| :---: | :---: | :---: | :--- | :--- |
|  | Gold | Create and lead your own leadership event. |  |  |
| Adventure <br> This is a demonstration of <br> excellence because you have <br> challenged yourself. | Bronze | Complete a school residential / Outdoor <br> Adventure Activity. |  |  |
|  | Silver | Complete the Duke of Edinburgh BRONZE Award. |  |  |

## Ambition - Excellence - Pride

## Pride

| Badge | Badge Level | You must... | Achieved? | Staff <br> Signature |
| :---: | :---: | :---: | :---: | :---: |
| Charity <br> This is a demonstration of pride because you have helped others. | Bronze | Volunteer 10 hours to the local community or charity. |  |  |
|  | Silver | Organise a charity event and raise more than $£ 100$. |  |  |
|  | Gold | Organise a charity event and raise more than $£ 500$. |  |  |
| Commitment <br> This is a demonstration of pride because you have dedicated time and effort to something you enjoy. | Bronze | Visit one of the following; art gallery, theatre, museum, concert, ballet, or similar. Or have 100\% attendance at an enrichment activity for a unit. |  |  |
|  | Silver | Visit two different places from the above list. Or have $100 \%$ attendance at two different enrichment activities for two units. |  |  |
|  | Gold | Visit five of the following; art gallery, theatre, museum, concert, ballet, or similar.Or have 100\% attendance at three different enrichment activities for three units. |  |  |



