# Assessment and Core Vocabulary

Year 9

Autumn

# Assessment and Core Vocabulary

On the following pages you will find information about your child's learning:

- The topic they are learning
- What the assessment will be
- Core vocabulary that they will learn during this topic

# We need you to support by:

- Sharing this information with your child
- Helping them to develop and learn the new vocabulary
- Prepare for their assessment

# **English**

### Assessment Information:

This term Y9 are learning about the text 'Blood Brothers'

They will be assessed in two ways.

- 1. Short knowledge test to test their recall knowledge of technical vocabulary
- 2. An extended piece of writing

The assessment will allow pupils to demonstrate both their reading and writing skills and will be assessed formatively by teachers. Pupils will write their own monologue in the style of one of the characters from the play, and then will write a critical analysis of their own work. Students can prepare for this assessment by practising the skills of creative writing and language analysis. Pupil can also revise the keywords below which they can use in their extended writing and in preparation for their test.

| YEAR 9                |   |  |
|-----------------------|---|--|
| TOPIC: Blood Brothers |   |  |
| KEYWORD               | DEFINITION  |  |
| Monologue             | A long speech by one actor in a play or film.   |  |
| Tone                  | The general feeling towards a text by using the character, place or situation.  |  |
| Characterisation      | The creation or construction of a fictional character   |  |
| Implicit              | Information which is hidden and has to be interpreted from the text.  |  |
| Tragedy               | A text dealing with <u>tragic</u> events and having an <u>unhappy</u> ending, especially one concerning the <u>downfall</u> of the main character.  |  |
| Context               | The background to the text whether this is about the time in which it was written or the author.  |  |
| Stage Directions      | Stage directions are instructions in the script of a play that tell actors how to enter, where to stand, when to move, also information about the lighting, scenery, props, and sound effects |  |
| Explicit              | Information which is obvious and clear.   |  |
| Narrator              | A character not involved in the play who tells the audience important information.  |  |
| Foreshadow            | When something is written which predicts what is going to happen next.  |  |

# **English**

### Assessment Information:

This term Y9 are learning about the novella, A Christmas Carol written by Charles Dickens

They will be assessed in two ways.

- Short knowledge test to test their recall knowledge of technical vocabulary, plot and characters
- An extended piece of writing.

The assessment is short knowledge test consisting of 10 questions which will be assessed formatively by teachers. Pupils will have a sheet that will consist of multiple choice questions.

Students can prepare for this assessment by practising using and revising the keywords below which they can use in their extended writing and in preparation for their test

|   | YFAR 9  |
|---|---|
| TOPIC: A Christmas Carol by Charles Dickens |   |
| KEYWORD                                     | DEFINITION  |
|   |   |
| Redemption                                  | The action of saving or being saved from sin, error, or evil.   |
| Christmas                                   | The annual Christian festival celebrating Christ's birth, held on 25 December in the Western Church.                |
| Christianity                                | The religion based on the person and teachings of Jesus Christ, or its beliefs and practices.                       |
| Purgatory                                   | A place or state of suffering inhabited by the souls of sinners who are repenting their sins before going to heaven |
| Comparison                                  | Thinking about the similarities and differences<br>between people or things   |
| Ghost                                       | A vision of a dead person which is believed to appear to the living.  |
| Novella                                     | A short novel or long short story   |
| Isolation                                   | A person or place to be or remain alone or apart from others  |
| Charity                                     | The voluntary giving of help, typically in the form of money, to those in need                                      |
| Repentance                                  | Feel or express <u>sincere</u> regret or <u>remorse</u> about one's <u>wrongdoing</u> or sin                        |

# **Performing Arts**

### Assessment Information:

This term Y9 are learning about: Practitioner Skills 1 (Text: DNA)

They will be assessed practically using the performance skills they develop in lessons.

The assessment is in the form of formative teacher assessment during a practical lesson every 6 weeks.

Students can prepare for their assessments by using time in class to rehearse / develop and refine work and also practise their skills at home or use homework if linked to the topic to enhance their development and creativity in the arts.

- Creating developing each others Ideas.
- Performing Communicating meaning through the use of Performance Art.
- Responding Vocally / Suggesting how work can be Improved / watching and listening to each other with focus and attention / commenting on how intended effects have been achieved.

| YEAR 9 Performing Arts – Practitioner Skills in Performing Arts 1 (DNA) |  |
|---|--|
| KEY WORD  | DEFINITION   |
| Improvisation   | A long speech by one actor in a play or film.  |
| Monologue   | A long speech by one actor in a play or film.  |
| Stanislavski  | Constantin Stanislavski was a Russian stage actor and director who developed the naturalistic performance technique known as   |
| Brecht  | Bertolt Brecht,[a] was a German theatre practitioner, playwright, and poet.  |
| Tragedy   | Tragedy is a genre of drama based on human suffering and, mainly, the terrible or sorrowful events that befall a main character.   |
| Greek Theatre   | Greek theatre began in the 6th century BCE in Athens with the performance of tragedy plays at religious festivals. These, in turn, inspired the genre of Greek comedy plays. |

# **Mathematics AU01**

### Assessment Information:

This term Year 9 are learning about Percentages, Angles on Parallel Lines and Bearings .

They will be assessed on Percentages, Angles on Parallel Lines and Bearings. Pupils will start with a knowledge check which will enable teachers to have an idea of what pupils already know followed by a series of lessons to enable pupils to prepare for the assessment.

The assessment is in the form of an Exam paper and will take place towards the end of the first half -term. All pupils will receive a topic list prior to the assessment.

Students can prepare for their assessments by completing homework, using SAM Learning. Before each assessment pupils will also have revision classes with class teachers, going over exam-style questions.

|                     | YEAR 9 AU01  |
|---------------------|--|
| KEY WORD            | DEFINITION   |
| Percent             | a rate, number, or amount in each hundred  |
| Decimal             | relating to or denoting a system of numbers and arithmetic based on the number ten, tenth parts, and powers of ten   |
| Fraction            | a numerical quantity that is not a whole number  |
| Increase            | Make something bigger( in size or quantity)  |
| Decrease            | Make something smaller (in size or quantity)   |
| Parallel            | Two lines always the same distance apart and never touching  |
| Corresponding       | corresponding angles are formed where a line known as an intersecting transversal, crosses through a pair of straight lines.   |
| Alternate           | two angles, formed when a line crosses two other lines, that lie on opposite sides of the transversal line and on opposite relative sides of the other lines                                     |
| Co interior         | Co-interior angles occur in between two parallel lines when they are intersected by a transversal. The two angles that occur on the same side of the transversal always add up to 180°           |
| Vertically opposite | Vertically opposite angles are angles that are opposite one another at a specific vertex and are created by two straight intersecting lines. Vertically opposite angles are equal to each other. |
| Bearing             | a bearing is the angle in degrees measured clockwise from north  |

# **Mathematics AU02**

### Assessment Information:

This term Year 9 are learning about Pythagoras, Trigonometry and Plotting Graphs.

They will be assessed on Pythagoras, Trigonometry and Plotting Graphs. Pupils will start with a knowledge check which will enable teachers to have an idea of what pupils already know followed by a series of lessons to enable pupils to prepare for the assessment.

The assessment is in the form of an Exam paper and will take place towards the end of this term. All pupils will receive a topic list prior to the assessment.

Students can prepare for their assessments by completing homework, using SAM Learning. Before each assessment pupils will also have revision classes with class teachers, going over exam-style questions.

| YEAR 9 AU02 |  |  |
|-------------|--|--|
| KEY WORD    | DEFINITION   |  |
| Hypotenuse  | the longest side of a right-angled triangle, opposite the right angle                  |  |
| Opposite    | "opposite" side in trigonometry is the one across from a given angle                   |  |
| Adjacent    | The adjacent side is the non-hypotenuse side that is next to a given angle.            |  |
| Square      | A square number is the result when a number has been multiplied by itself.             |  |
| Square Root | A square root of a number is a value that, when multiplied by itself, gives the number |  |
| Co ordinate | A set of values that show an exact position.   |  |
| Axis        | A reference line drawn on a graph (you can measure from it to find values).            |  |
| Quadrant    | Any of the 4 areas made when we divide up a plane by an x and y axis, as shown.        |  |
| Horizontal  | Going side-to-side, like the horizon.  |  |
| Vertical    | In an up-down direction or position. Upright.  |  |
| Equation    | An equation says that two things are equal.  |  |
| Gradient    | How steep a line is.   |  |
| Intercept   | an intercept is a point on the y-axis, through which the slope of the line passes      |  |

# **KS3 Science: Biology**

### Assessment Information:

This term, Year 9 pupils are learning about Inheritance and variation.

After completing all of the lessons within the topic, they will then have a revision lesson followed by an end of topic test.

The end of topic assessment consists of:

- 10 marks retrieval (prior learning)
- Around 40 marks of application (current learning)

Students can prepare for their assessments by:

- using the revision given to pupils a week prior to the exams
- using and memorising the core knowledge for the relevant topic
- SAM learning (homework)

| YEAR 9 TOPIC 1 : Inheritance and variation |   |  |
|--|---|--|
| KEY WORD                                   | DEFINITION  |  |
| Gametes                                    | Reproductive cells. The male gamete is a sperm cell and the female gamete is an egg cell.                         |  |
| Fertilisation                              | A process in which the nucleus of a sperm cell fuses with the nucleus of an egg cell                              |  |
| Chromosomes                                | A chromosome is a coiled structure of DNA found in the nucleus of a cell. A cell contains 23 pairs of chromosomes |  |
| Gene                                       | A section of DNA  |  |
| Haploid                                    | A gamete is referred to as a haploid cell as it has only 23 chromosomes   |  |
| Allele                                     | Different versions of the same gene   |  |
| Heterozygous                               | This describes when to alleles are both different   |  |
| Homozygous                                 | Homozygous is when both of the alleles are the same   |  |
| Natural selection                          | Process by which species change over time in response to environmental changes and competition for resources.     |  |
| Evolution                                  | Theory that the animal and plant species living today descended from species that existed in the past             |  |

# **KS3 Science – Chemistry**

### Assessment Information:

This term, Year 9 pupils are learning about Chemical reactions

After completing all of the lessons within the topic, they will then have a revision lesson followed by an end of topic test.

The end of topic assessment consists of:

- 10 marks retrieval (prior learning)
- Around 40 marks of application (current learning)

Students can prepare for their assessments by:

- using the revision given to pupils a week prior to the exams
- using and memorising the core knowledge for the relevant topic
- SAM learning (homework)

| YEAR 9 TOPIC 1 : Chemical reactions |  |  |
|-------------------------------------|--|--|
| KEY WORD                            | DEFINITION   |  |
| Activation energy                   | The minimum energy required for a reaction to take place between reacting particles. |  |
| Surface area                        | The measurement of the exposed surface of a solid shape (three-dimensional).         |  |
| Concentration                       | The amount of a substance in a given amount of space.                                |  |
| Gradient                            | The degree to which something inclines; a slope. (Change in Y/ Change in X)          |  |
| Rate                                | How quickly a product is formed or how quickly a reactant is used up.                |  |
| Kinetic energy                      | Kinetic energy is the energy an object has because of its motion.                    |  |
| Tangent                             | A tangent is a line that touches the curve or a circle at a point.                   |  |
| Temperature                         | The measure of hotness or coldness expressed in terms of Celsius.                    |  |
| Collision                           | A collision happens when one object runs into another                                |  |
| Thermal energy                      | Energy that is caused by the vibrations of molecules.                                |  |

# **KS3 Science – Physics**

### Assessment Information:

This term, Year 9 pupils are learning about Energy.

After completing all of the lessons within the topic, they will then have a revision lesson followed by an end of topic test.

The end of topic assessment consists of:

- 10 marks retrieval (prior learning)
- Around 40 marks of application (current learning)

Students can prepare for their assessments by:

- using the revision given to pupils a week prior to the exams
- using and memorising the core knowledge for the relevant topic
- SAM learning (homework)

| YEAR 9 TOPIC 1 : Energy        |  |  |
|--------------------------------|--|--|
| KEY WORD                       | DEFINITION   |  |
| Gravitational potential energy | The energy stored in an object above the ground.   |  |
| Kinetic energy                 | The energy stored in a moving object.  |  |
| Chemical energy                | Stored energy which is released during a chemical reaction.                                      |  |
| Elastic potential energy       | Energy stored in a stretchy material.  |  |
| Thermal energy                 | Stored energy where heat is released to the surrounding.   |  |
| Efficiency                     | The amount of useful energy output compared to the total energy input.                           |  |
| Work done                      | The distance an object moves when a force is applied in the direction of the resultant force.    |  |
| Power                          | The rate of energy transfer per second.  |  |
| Conduction                     | The transfer of thermal energy through a metal conductors by the vibration of particles.         |  |
| Convection                     | The transfer of thermal energy through liquid or gases by the rising and spreading of particles. |  |

# **Geography AUT1**

### Assessment Information:

This term, Year 9 will learn about plate tectonics- the idea that continents have moved over time and resulting in major landforms and hazards.

They will be assessed on the extent to which the impacts of tectonic hazards can be reduced.

The assessment will comprise multiple-choice questions, description and explanation-style questions.

Pupils can prepare for assessments by independent home study and completing every set homework.

| Key word            | Definition  |
|---------------------|---|
| Lithosphere         | The rigid, outer layer of the earth, consisting of the crust and upper mantle                       |
| Plate margin        | Where two plates meet   |
| Constructive margin | A margin where two tectonic plates are moving away from each  |
| Destructive margin  | A margin where an <b>oceanic</b> plate and a <b>continental</b> plate are moving toward each other. |
| Collision margin    | A margin where <b>two continental plates</b> collide  |
| Conservative margin | A plate margin where two tectonic plates slide alongside each other                                 |
| Distribution        | How something is spread   |
| Magnitude           | The strength (of an earthquake)   |

# **Geography AUT2**

Assessment Information:

This term, Year 9 will learn about population and migration, focusing on birth rate, death rate and migration influencing population.

They will be assessed on the local and global impacts of population increase.

The assessment will comprise multiple-choice questions, description and explanation-style questions.

Pupils can prepare for assessments by independent home study and completing every set homework.

| Key word                | Definition  |
|-------------------------|---|
| Population distribution | The pattern of how people are spread across the world   |
| Population density      | The number of people per square km  |
| Densely populated       | A place is said to be densely populated when there is a high concentration of people living there compared to another of similar size |
| Sparsely populated      | A place is said to be sparsely populated when there is a low concentration of people living there compared to another of similar size |
| Population structure    | The composition or make-up of a population  |
| DTM                     | (Demographic Transition Model) A model that shows how a country's population changes as the country develops                          |
| Migration               | The movement of people from one place to another to live or work  |
| Push factors            | These are (usually negative) factors which make people to want to move out of an area   |
| Pull factors            | These are attractive or positive factors which make people want to move into an area  |
| Urbanisation            | The increase in the proportion of people living in towns and cities   |

# **History Au2**

### Assessment Information:

This term Y9 are learning about why the axis power lost WW2 and what the turning point in the war was. They will be assessed on which event they think was the turning point that led to the axis powers losing the war.

The assessment is in the form of a 4 paragraph essay question that they will complete in 30 minutes, and a 15 mark fact check.

Students can prepare for their assessments by completing their homework when it is set on SAM learning, using the revision cards that they will be given in person and will also be linked on their class charts.

| Year 9 Autumn 1 Topic: Why was there a rise of dictators by the 1930s? |   |  |
|--|---|--|
| Allied Powers  | Britain and France, and the countries they fought with in WW2 |  |
| Axis Powers  | Germany, Italy and Japan                                      |  |
| Blitzkrieg   | 'Lightning warfare,'- Germany's invasion tactic in WW2.       |  |
| Turning point  | When there is a change of direction or events                 |  |
| Casualties   | The word to describe how many people died in an event         |  |
| Luftwaffe  | The Germany word for 'air force'                              |  |
| Surrender  | To give up, and stop fighting                                 |  |

# **Religious Education AU2**

- This term Y9 are learning about religious attitudes to sacrifice
- They will be assessed on the following statement: "Greater jihad is more important than lesser jihad"
- The assessment is in the form of 5 core knowledge questions and an evaluation statement. Students will either write a paragraph agreeing with the statement or disagreeing with the statement. Students will provide justification and consider different points of view.
- Students can prepare for their assessments by completing their homework when it is set on SAM learning.

| TOPIC: Bloody RE? |   |
|-------------------|---|
| KEYWORD           | DEFINITION  |
| Sacrifice         | To give something up for an ideal or belief         |
| Abortion          | The deliberate terminatio0n (ending) of a pregnancy |
| Jiha d            | To strive   |
| Sanctity of life  | The belief life is holy/comes from God              |
| Death Penalty     | Punishment by execution                             |

### **Creative: Art**

### Assessment Information:

For this project pupils will be looking at the artists Picasso and Andy Warhol as their main sources of inspiration. They will learn about portraiture and practise the formal elements of colour, pattern, line, shape and mark making through a range of materials before focusing upon creating a painted self-portrait.

Through studying Picasso and Warhol they will also explore how artists work is influenced by the world around them, in Picasso's case the influence of African art and Warhol's the world of popular culture.

Pupils receive formative assessment throughout the project and their artistic progress is assessed holistically as the work develops in their sketchbooks. Pupils receive three grades throughout the year which is based upon all work that they have produced up to each date.

To further their development pupils could practise the formal elements at home.

|                          | YEAR 9 ART – IDENTITY   |
|--------------------------|---|
| KEY WORD                 | DEFINITION  |
| LINE                     | A mark made on a surface that joins different points.                                   |
| PATTERN                  | A design with repeated lines, shapes, forms or colours.                                 |
| SHAPE                    | When lines enclose a space. e.g. an outline.  |
| TONE                     | Grades from shade from light to dark.   |
| COLOUR                   | Light reflected into the eye, artists use colour to describe the subject.               |
| FORM                     | Making something look 3D.   |
| TEXTURE                  | How something feels or how it looks like it might feel.                                 |
| PROPORTION               | The relationship between the sizes of different objects.                                |
| EXPRESSIONISM            | An art movement that visually showed emotions and feelings.                             |
| FAUVISM                  | An art movement. The artists were called "Wild Beasts" and used pure unnatural colours. |
| HUE                      | A more accurate word for colour.  |
| PRINT MAKING             | Repeated transfer of an image or design.  |
| POP ART                  | An art movement that focused on popular culture.  |
| ACRYLIC PAINT            | A type of painting medium.  |
| REALISM                  | A style of art that makes the subject look real.  |
| COMPLEMENTARY<br>COLOURS | Two opposite colours on the colour wheel.   |
| HARMONIOUS<br>COLOURS    | Two colours next to each other on the colour wheel.                                     |
| POLY PRINT               | A printing method that uses a polystyrene tile to create artwork.                       |
| HENRI MATISSE            | The name of a Fauvist artist.   |
| ANDY WARHOL              | The name of a Pop artist.   |

# **Creative: Textiles**

### Assessment Information:

For this project pupils will be looking at the natural world as a source of inspiration for a mixed media textiles project, Pupils will learn about the traditional technique of tie dying as well as learning about printed textiles.

They will further learn about sewing techniques and put these into practise to produce a final outcome using a range of textiles techniques.

Pupils receive formative assessment throughout the project and their artistic progress is assessed holistically as the work develops in their sketchbooks. Pupils receive three grades throughout the year which are based upon all work that they have produced up to these dates.

To further their development pupils could practise a variety of stitching techniques at home.

| YEAR 9 TEXTILES – IDENTITY – INSECTS |  |
|--------------------------------------|--|
| KEY WORD                             | DEFINITION   |
| PATTERN                              | The repetition and ordered arrangement of a design.  |
| TJANTING                             | The traditional tool for applying batik wax.   |
| WAX POT                              | The traditional tool for applying batik wax.   |
| BATIK                                | Indonesian technique of wax-resist dyeing of fabric.   |
| DRAFT                                | A drawing, sketch, or design.  |
| NEGATIVE                             | The empty space around and between the subject of an image.  |
| MEASURE                              | Measuring the size, length, or amount of something.  |
| INTERSECT                            | Divide (something) by drawing or cutting across it.  |
| TOTE-BAG                             | A large bag used for carrying a number of items.   |
| SYMMETRY                             | Something is symmetrical when it has two matching halves.  |
| FABRIC                               | Cloth or other material produced by weaving or knitting fibres.  |
| COTTON CALICO                        | Cotton fabric that is unbleached and undyed.   |
| REPEAT                               | Do (motif/pattern) again or more than once.  |
| DYE                                  | Something used to add a colour to or change the colour of something. eg "blonde hair dye"  |
| SATURATE                             | Cause (something) to become thoroughly soaked with liquid.   |
| DAMPEN                               | Make slightly wet.   |
| STENCIL                              | Card, plastic, or metal with a pattern or letters cut out of it, used to produce the cut design on the surface below by the application of ink or paint through the holes. |
| RESIST                               | Methods are used to "resist" or prevent dye from reaching all the cloth, thereby creating a pattern and ground.  |
| CONCERTINA                           | Extend, compress, or collapse in folds.  |
| MOTIF                                | A repeating form or shape in a design or pattern.  |

# **Creative: 3D Design**

Assessment Information:

Pupils work towards the theme 'Identity' in Year 9. They study the work of different designers and learn how to take their working drawings through to realisation of a product. Pupils revisit the skills and techniques learnt in Year 8 to further develop their understanding.

Pupils learn the difference between recycling and reusing materials and are taught how templates are used in industry for mass production. They engage with appropriate processes, materials and construction techniques to create a 3D prototype for their own trainer design.

Work is formatively assessed throughout the project.

|                     | YEAR 9 3D DESIGN – IDENTITY   |
|---------------------|---|
| KEY WORD            | DEFINITION  |
| IDENTITY            | The theme of identity emphasises how different shoe styles and brands express information about who we are.                                 |
| RECYCLE             | The process of converting waste materials into new materials and objects.   |
| REUSE               | To use again especially in a different way.   |
| DESIGNER            | A person who plans the form or structure of something before it is made.  |
| SCULPTOR            | An artist who makes sculptures.   |
| SCULPTURE           | A three-dimensional artwork.  |
| REVERSE-ENGINEERING | A process in which products are deconstructed to extract design information from them.  |
| PROTOTYPE           | A first or preliminary version of a product from which other forms are developed.   |
| MASS PRODUCTION     | Manufacturing many identical goods at once.   |
| TEMPLATE            | A template is a shape used as a guide to make something.  |
| CRAFT KNIFE         | A sharp tool used for cutting with precision.   |
| PRECISION           | Being exact and accurate.   |
| CARDBOARD RELIEF    | When flat pieces of cardboard are used to build up raised areas creating a 3D effect.   |
| CONDITIONING        | Taking a material from its as-delivered state to a state in which it can be processed. E.g. To mak cardboard soft for bending/constructing. |
| SCORING             | The creation of a crease in a piece of paper/cardboard that will allow it to fold easier and result in better looking line.                 |
| PLY-LAYERING        | Several layers of Cardboard laminated together/stacked on top of one another.   |
| TABBING             | A small flap of material use for attaching one piece of cardboard/paper to another.   |
| MALLEABLE           | Means that a material is able to pressed or moved into shape without breaking or cracking.  |

### **Creative: Food**

Assessment Information:

This term Y9 are learning about V is for Vegetable

They will be assessed in two ways.

written recipe books every 6 weeks.

- 1. On the practical skills they show in lessons
- 2. In theory work their ability to recall, analyse and evaluate skills, techniques and processes through recipe write-ups. The assessment is in the form of formative teacher assessment during a practical lesson and also a summative assessment of

Students can prepare for their assessments by using safe and hygienic working practices to practise their cooking skills at home, such as:

- Safe knife skills bridge hold and claw grip
- Using a hob
- Using an oven
- Washing-up

| YEAR 9 FOOD – V IS FOR VEGETABLE |  |  |
|----------------------------------|--|--|
| KEY WORD                         | DEFINITION   |  |
| ORGANOLEPTIC                     | Sensory properties - those that can be detected by the sense organs – sight, smell, taste, touch, sound.               |  |
| SEASONALITY                      | Fresh food that is ready to eat during its growing season.   |  |
| FOOD PROVENANCE                  | Knowing where food was grown, caught or raised. Knowing how food was produced. Knowing how food was transported.       |  |
| YEAST                            | A microscopic fungus capable of converting sugar into alcohol and carbon dioxide.                                      |  |
| FERMENTATION                     | The action of yeast or bacteria, changing sugar to alcohol and CO2.  |  |
| RAISING AGENT                    | Any substance added to a food product (yeast, baking powder) that makes them rise when cooked.                         |  |
| AERATION                         | To add gas or air to a food.   |  |
| COELIAC                          | A medical condition where a person cannot digest gluten.   |  |
| ALLERGY                          | A damaging <b>immune response</b> by the body to a substance.  |  |
| INTOLERANCE                      | Either a body can't properly digest food that is eaten, or that a particular food might irritate the digestive system. |  |
| VEGAN                            | A person who does not eat <b>any</b> food derived from animals and who does not use other animal products.             |  |
| DIABETES                         | A disease in which the body cannot control the level of sugar in the blood.  |  |
| REFERENCE INTAKES                | Guidelines for the maximum amount of energy (calories), fat, saturated fat, sugars and salt we should have in a day.   |  |
| DENSITY                          | In cakes or bread – how light and fluffy, or heavy a cake is.  |  |
| GELATINISATION                   | Starch absorbs liquid and bursts, thickening the liquid, when being cooked.  |  |
| GLUTEN                           | A protein that is contained in wheat and some other grains.  |  |
| KNEADING                         | To press something, especially a mixture for making bread, firmly and repeatedly with the hands and fingers.           |  |
| PROOFING/<br>PROVING             | A step in creating yeast breads and baked goods, during which the yeast is allowed to leaven the dough.                |  |
| FOLDING                          | To mix one food into another by turning it gently with a spoon.  |  |
| RAGU                             | A sauce made with minced meat, onions, tomato puree, and served with pasta.  |  |

# **Computing**

### Assessment Information:

In the Autmn Term year 9 will study 2 topics:

- Representation
  - o Humans use symbols to record, process and transmit information. Introduce binary digits to your learners as the symbols computers use to perform these tasks and focus on the representation of text and numbers.
  - o In this topic students will be tested on how computers store information in the Binary form. A multiple-choice and onscreen test cover will test representation of numbers, words and pictures are represented in Binary.
- · Coding, from blocks to texts
  - o In our coding lessons, we use EduBlocks to teach essential programming constructs: sequencing, selection and repetition. Sequencing involves arranging instructions in a specific order to achieve a desired outcome. Selection introduces decision-making in code, allowing students to create programs that can choose different paths based on conditions. Repetition covers loops, enabling students to write code that repeat actions efficiently. Starting with block-based coding, students visually grasp these concepts before transitioning to text-based coding in Python.
  - The assessment will include a test of keywords, sequencing, selection and repetition as well as programming tasks starting with block code and moving on to the text code. Assessment will be through tasks completed in lessons and multiple choice questions.

| TOPIC: Representations |  |
|------------------------|--|
| KEYWORD                | DEFINITION   |
| Representations        | showing information in different ways, like using pictures, numbers, or words, so it's easier to understand  |
| Symbols                | special characters or pictures that represent information or instructions in a simple way                    |
| Characters             | any letter, number, or symbol that you can type on a keyboard  |
| Binary Digits          | the basic units in computing that can be either 0 or 1, used to store and process information                |
| Decimal numbers        | numbers that have a whole part and a fractional part separated by a dot, like 3.14                           |
| Conversions            | changing data from one format to another so that computers can use it in different ways                      |
| Units                  | What the amount of data is measured in, like bits and bytes  |
| Prefix                 | a word added to the front of a unit to increase how many of that unit there are, like kibibytes = 1024 bytes |
|                        | TOPIC: Python Transitions  |
| KEYWORD                | DEFINITION   |
| Algorithm              | A set of step-by-step instructions to solve a problem  |
| Decomposition          | Breaking a problem down into more manageable subproblems   |
| Sequences              | Instructions performed in order, with each executed in turn  |
| Variable               | A name that refers to data being stored by the computer  |
| Selection              | The process of choosing the path through code using a condition  |
| Condition              | A True or False statement used to control the flow of the code   |
| Repetition             | The process of repeating a code block until a condition is met or a set number of repeats is done.           |
| Code block             | A section of code that is ran together   |
| Subroutine             | A group of instructions that will run when called by the main program or other subroutines                   |

# **Physical Education - Football**

- They will be assessed on a variety of skills and knowledge in different sports and how they can apply this is an competitive scenario.
- The assessment is in the form on a practical observation in isolated practices, competitive practices and competitive games.
- They will also be assessed on their ability to apply rules and regulations to the sport and identify components of fitness related to each activity.
- Students can prepare for assessments by learning the rules and regulations linked to the current activity and the key words.

|                | YEAR 9  |
|----------------|---|
| KEYWORD        | DEFINITION  |
| Passing        | An intentional movement of the ball using the foot from one player to another on the same team. |
| Shooting       | Making contact with the ball using the head or foot in an attempt to score a goal.              |
| Dribbling      | Keeping possession of the ball whilst moving it around the pitch.                               |
| Tackling       | Trying to take possession of the ball from a player on the opposite team.                       |
| Technique      | The specific way in which a skill is performed.   |
| Interception   | Taking possession of the ball from your opposition.   |
| Marking        | Applying pressure or challenging the opponent by positioning yourself near them.                |
| Pressing       | Applying pressure to the opposition when they have control of the ball.                         |
| Counter Attack | An attack made in response to the opposition.   |
| Possession     | Having physical control of the ball as an individual or team.                                   |

# **Physical Education: Gymnastics**

- They will be assessed on a variety of skills and knowledge in different sports and how they can apply this is an competitive scenario.
- The assessment is in the form on a practical observation in isolated practices, competitive practices and competitive games.
- They will also be assessed on their ability to apply rules and regulations to the sport and identify components of fitness related to each activity.
- Students can prepare for assessments by learning the rules and regulations linked to the current activity and the key words.

| YEAR 9          |   |
|-----------------|---|
|                 | TOPIC: Gymnastics   |
| KEYWORD         | DEFINITION  |
| Forward Roll    | A movement where the body is rolled forwards heels over the head.             |
| Backward Roll   | A movement where the body is rolled backwards and lifting legs over the head. |
| Teddy Bear Roll | A roll completed in a straddle position.                                      |
| Shapes          | Position in which to hold your body, straight, star, straddle, tuck and pike. |
| Body tension    | The tightening of muscles to hold your body in position.                      |
| Posture         | The way in which you hold your body in the correct position.                  |
| Jumping         | Using muscles in your legs to propel your body completely off the ground.     |
| Vaulting        | Running down a run way and travelling over a piece of equipment.              |
| Balance         | Remaining upright and steady over a base support.                             |
| Travel          | Moving your body from place to place using a range of styles.                 |

# **Physical Education: Netball**

- They will be assessed on a variety of skills and knowledge in different sports and how they can apply this is a competitive scenario.
- The assessment is in the form on a practical observation in isolated practices, competitive practices and competitive games.
- They will also be assessed on their ability to apply rules and regulations to the sport and identify components of fitness related to each activity.
- Students can prepare for assessments by learning the rules and regulations linked to the current activity and the key words.

| Year 9      |   |
|-------------|---|
| KEYWORD     | DEFINITION  |
| Passing     | An intentional movement of the ball from one player to another on the same team.                                |
| Shooting    | The action of your GS or GA attempting to score in the goal circle.   |
| Footwork    | How a players steps, lands and pivots in netball.   |
| Obstruction | A player must stay 3ft away from an opposing player when they are in possession of the ball.                    |
| Contact     | Players cannot make any physical contact with the player or the ball when in possession with the opposition.    |
| Defensive   | Guarding or marking a player to stop or reduce the chance of the other team scoring.                            |
| Marking     | Applying pressure or challenging the opponent by positioning yourself near them.                                |
| Attacking   | Keeping possession of the ball and passing it across the court with the aim to get the ball to the goal circle. |
| Opponents   | The team you are playing against.   |
| Possession  | Having physical control of the ball as an individual or team  |

# **Physical Education: Dance**

- They will be assessed on a variety of skills and knowledge in different sports and how they can apply this is a competitive scenario.
- The assessment is in the form on a practical observation in isolated practices, competitive practices and competitive games.
- They will also be assessed on their ability to apply rules and regulations to the sport and identify components of fitness related to each activity.
- Students can prepare for assessments by learning the rules and regulations linked to the current activity and the key words.

| Year 9       |  |
|--------------|--|
| KEYWORD      | DEFINITION   |
| Musicality   | How a dancer hears and interprets the music.   |
| Timing       | Moving to the correct beat of the music.   |
| Aesthetic    | An individual's opinion on the movement, performance and style of the dance.             |
| Choreography | The sequence of movements and steps in a dance.  |
| Dynamics     | How the dancer moves.  |
| Beat         | The sequence of movement which is often repeated in the music.                           |
| Canon        | Individuals or groups in a dance perform the same movement but start at different times. |
| Formation    | The positions in which individuals or groups stand in a dance.                           |
| Rhythm       | Pattern of the music that can be repeated over time.                                     |
| Sequence     | A preset pattern of movement.  |

# **Physical Education: Basketball**

- They will be assessed on a variety of skills and knowledge in different sports and how they can apply this is a competitive scenario.
- The assessment is in the form on a practical observation in isolated practices, competitive practices and competitive games.
- They will also be assessed on their ability to apply rules and regulations to the sport and identify components of fitness related to each activity.
- Students can prepare for assessments by learning the rules and regulations linked to the current activity and the key words.

| Year 9        |  |
|---------------|--|
| KEYWORD       | DEFINITION   |
| Passing       | An intentional movement of the ball from one player to another on the same team.   |
| Shooting      | Aiming the basketball towards the hoop in an attempt to score.                     |
| Dribbling     | Using one hand to continuously bounce the ball whilst travelling around the court. |
| Lay up        | A type of shot made from under the basket by bouncing the ball off the backboard.  |
| Technique     | The specific way in which a skill is performed.                                    |
| Interception  | Taking possession of the ball from your opposition.                                |
| Marking       | Applying pressure or challenging the opponent by positioning yourself near them.   |
| Triple Threat | A position where players have three options, dribble, pass or shoot.               |
| Possession    | Having physical control of the ball as an individual or team                       |

# **Physical Education: Rugby**

- They will be assessed on a variety of skills and knowledge in different sports and how they can apply this is a competitive scenario.
- The assessment is in the form on a practical observation in isolated practices, competitive practices and competitive games.
- They will also be assessed on their ability to apply rules and regulations to the sport and identify components of fitness related to each activity.
- Students can prepare for assessments by learning the rules and regulations linked to the current activity and the key words.

| Year 9    |   |
|-----------|---|
| KEYWORD   | DEFINITION  |
| Spin Pass | A type of rugby pass using the thumb on one hand and fingers on the other causing it to spin as it travels.   |
| Tackling  | The ball carriers is held by one or more opponents and it brought to the ground.  |
| Ruck      | This is formed when a player has been tackled to the ground where the team on possession protect the ball and secure possession. The defending team can win the ball back by counter rucking. |
| Scrum     | A way of restarting play after a minor infringement.  |
| Knock on  | When a player loses possession of the ball and it travels forward touching the ball or another player.  |
| Offside   | If a player is in front of a team mate who is carrying the ball they are offside.   |
| Line out  | The line out is a means of restarting play after the ball has gone off the field of play at the side.   |

# **Physical Education: Table Tennis**

- They will be assessed on a variety of skills and knowledge in different sports and how they can apply this is a competitive scenario.
- The assessment is in the form on a practical observation in isolated practices, competitive practices and competitive games.
- They will also be assessed on their ability to apply rules and regulations to the sport and identify components of fitness related to each activity.
- Students can prepare for assessments by learning the rules and regulations linked to the current activity and the key words.

| Year 9         |  |
|----------------|--|
| KEYWORD        | DEFINITION   |
| Forehand Push  | A defensive shot performed on the dominant side of your body.                              |
| Backhand Push  | A defensive shot played on the opposite side of your body with a small amount of backspin. |
| Forehand Drive | An attacking shot used to force errors from your opponent.                                 |
| Backhand Drive | The backhand drive is an attacking stroke played with a small amount of topspin.           |
| Rallying       | Sequence of hitting the ball back and forth between players over the net.                  |
| Serving        | Table Tennis stroke that is used to start each rally.                                      |
| Tactics        | An action or a plan used to beat an opponent in sport.                                     |
| Opponent       | The person or team you are competing against.  |
| Placement      | Where you hit the ball on the table.   |
| Spin           | Spin is the rotation of the ball used to make it harder for your opponent to return.       |

# **Physical Education: OAA**

- They will be assessed on a variety of skills and knowledge in different sports and how they can apply this is an competitive scenario.
- The assessment is in the form on a practical observation in isolated practices, competitive practices and competitive games.
- They will also be assessed on their ability to apply rules and regulations to the sport and identify components of fitness related to each activity.
- Students can prepare for assessments by learning the rules and regulations linked to the current activity and the key words.

| TOPIC: OAA      |  |  |
|-----------------|--|--|
| KEYWORD         | DEFINITION   |  |
| Rules           | An instruction that's states the way in which should be done.                    |  |
| Team Work       | Working as a group effectively to achieve a goal.                                |  |
| Collaboration   | Producing or making something together.  |  |
| Problem Solving | Finding a solution to an issue.  |  |
| Strategy        | A plan of action to help achieve a goal or aim.                                  |  |
| Communication   | The sharing of ideas with another person.  |  |
| Instructions    | Information on how to do something or instructing someone how to perform a task. |  |
| Direction       | Providing guidance on how something should be performed.                         |  |
| Trust           | The belief that someone is reliable.   |  |
| Safety          | Providing protection from harm or danger when performing a task.                 |  |

# **Physical Education: BTEC Tech Award**

- •This term year 9 will be learning about the types and needs of participants in sport and the effects of exercise on the body.
- •They will be assessed on the different types of physical activity, the sectors available to participate in sport, barriers to participation and the importance of a warm up prior to participation.
- •The assessment is in the form on an end of topic written assessment and leadership within lessons.
- •Students can prepare for this by learning key vocabulary and definitions at home, completing homework that will be directly linked to lessons and researching a variety of exercises that they can use within a warm up.

| YEAR 9                      |  |  |  |  |
|-----------------------------|--|--|--|--|
| TOPIC: Component 1 – Task A |  |  |  |  |
| KEYWORD                     | DEFINITION   |  |  |  |
| Sports                      | An activity with rules and regulations that involves physical exertion and skill. Sports are run by a national governing body. |  |  |  |
| OAA                         | Outdoor adventurous activities are activities with excitement and challenge completed in nature.                               |  |  |  |
| Physical Activity           | Any bodily movement produced by skeletal muscle that requires energy expenditure.  |  |  |  |
| Benefits                    | Physical, mental and social advantages of taking part in sport and physical activity.  |  |  |  |
| Adoles ce nts               | 12 – 17 year olds.   |  |  |  |
| Public Sector               | Sporting venues run by local councils.   |  |  |  |
| Private Sector              | Venues that are run by private companies with the aim to make a profit.  |  |  |  |
| Voluntary Sector            | Sports clubs run by volunteers, money goes back into the club for the good of the participants.                                |  |  |  |
| Barriers                    | Anything that makes it difficult for you to participate in sport or physical activity.   |  |  |  |
| Disabilities                | A physical or mental condition which limits a person's movement, senses or activities.   |  |  |  |

# **Physical Education: BTEC Tech Award**

- •This term year 9 will be learning about the types and needs of participants in sport and the effects of exercise on the body.
- •They will be assessed on the different types of physical activity, the sectors available to participate in sport, barriers to participation and the importance of a warm up prior to participation.
- •The assessment is in the form on an end of topic written assessment and leadership within lessons.
- •Students can prepare for this by learning key vocabulary and definitions at home, completing homework that will be directly linked to lessons and researching a variety of exercises that they can use within a warm up.

| TOPIC: Component 1 – Task C |  |  |  |
|-----------------------------|--|--|--|
| KEYWORD                     | DEFINITION   |  |  |
| Pulse Raiser                | An activity that raises the heart rate, blood flow and body temperature in preparation for exercise.   |  |  |
| Mobilis ation               | Dynamic stretches – Stretching whilst on the move.   |  |  |
| Preparation Stretches       | Static stretches performed in the final stages of the warm up.   |  |  |
| Cardiorespiratory System    | Cardiorespiratory system is made up of your heart, blood vessels and blood as well as your lungs and airways.  |  |  |
| Mus culoskeletal System     | The musculoskeletal system is made up of all the muscles, ligament, tendons and bones in the body. It is responsible for our movement, shape, support and stability. |  |  |
| Pliability                  | How flexible your muscles are.   |  |  |
| Heart Rate                  | The speed in which your heart beats per minute.  |  |  |
| Static                      | Still, no movement.  |  |  |
| Dynamic                     | Involves movement.   |  |  |
| Effects                     | A change which results from an action.   |  |  |

# Languages: French

### Assessment Information:

This term Year 9 are learning about technology (what technology they use at home, their opinion on different online activities, advantages and disadvantages of technology.)

They will be assessed in the 4 skills.

- 1. In Speaking: students will complete a role play based on the topics linked to technology.
- 2. In Listening: they will be answering multiple choice questions within the context of technology.
- In Reading: they will be asked to answer multiple choice questions within the context of technology.
- 4. In Writing: they will be required to write up answers to questions in French.

The assessment is in the form of formative teacher assessment.

Students can prepare for their assessments by learning the core vocabulary from the list below and other resources as well as completing the homework set and actively participating in lessons.

| YEAR 9 Technology    |                      |  |
|----------------------|----------------------|--|
| KEY WORD             | TRANSLATION          |  |
| Des jeux en ligne    | Online games         |  |
| Je vais sur          | l go on              |  |
| Les réseaux sociaux  | Social networks      |  |
| Des SMS              | Text messages        |  |
| Je télécharge        | I download           |  |
| Je suis fan de       | I am a fan of        |  |
| La météo             | The weather forecast |  |
| Je ne regarde jamais | I never watch        |  |
| Passionnant          | Exciting             |  |
| je le/ la trouve     | I find him/ her      |  |