Student Learning Journey

Subject: Art Year 7 Natural Form

Previously you have learnt



You will have a variety of previous art skills and learning from Primary school. You may have had experiences from using wet paint media, drawing, 3D, textiles. As part of your art lessons and experience in your primary school you will have researched artists from around the world looking at the way they work, their heritage and worked in their style.

In this unit you will learn



The focus in this first art project will be on learning about the formal elements through year 7 across your time in Art. In this project we will aim to focus primarily on artist's research, observing natural form and in exploring different materials and processes. You will be introduced to a wide selection of diverse artists linking to the theme of natural form. You will also learn how to respond and analyse an artist's work through exploring materials they use in their work working in drawing, painting as well as 3D media, sculpture and different materials and processes. You will look at the work of Van Gogh, Antoni Gaudi and you will select your own artists to research linking to the project and theme of Natural Form. Add the name of other artists you selected here _____.

Key Vocabulary and Terminology



Tier 2: nature, form, observe, elements of art, analyse, artist, present.

Tier 3: emboss, tone, line, structure, media, colour, pigment, hue, tint and shade, opacity, relief, clay.

Further Learning

Tate Exhibitions website: Colour

Bbc bitesize website: elements of art

Hatton Character Qualities

Resilience	Open Mindedness	Creativity	Responsibility	Empathy
Self-Regulation	**Courage**	Commitment	**Team Work**	Leadership
Determination	**Curiosity**	Verbal Confidence	Social Intelligence	Citizenship

Student Learning Journey

Subject: Computing Year 7 Binary

Previously you have learnt



How to count in Maths throughout your primary school education. You have also learnt that numbers have different values depending on what column they are written in (1000's, 100's, 10's, units).

In this unit you will learn



How to count from 0 to 15 in binary. You will also learn how to convert a binary number into denary (normal) numbers and vice versa. Finally, you will learn how to perform addition of two binary numbers, as well as the measurement units used in Computer Science.

Key Vocabulary and Terminology



Tier 2: Convert, add, value, digit, place value, carry.

Tier 3: Binary, bit, byte, nibble, denary, decimal.

Further Learning



Binary

Data representation

Hatton Character Qualities

Resilience	Open Mindedness	Creativity	Responsibility	Empathy
Self-Regulation	Courage	**Commitment**	Team Work	Leadership
Determination	**Curiosity**	Verbal Confidence	Social Intelligence	Citizenship

Student Learning Journey

Subject: Dance Year 7 Rotation 2

Previously you have learnt



In your first rotation, you focused on performance skills and how these are developed within a routine. You will have looked at two or more different dance styles.

You will have also evaluated one of your routines looking at performance and improvement.

In this unit you will learn



In this unit, you will learn about choreographic devices and how to apply them in your own routine. In your group, you will each take on the role of a choreographer and develop the skills of communication and teaching.

Also, in this unit you will look at dance appreciation, this is linking your work to work of professionals. This takes place through verbal and written evaluation.

Key Vocabulary and Terminology



Tier 2: choreograph, perform, appreciation

Tier 3: Action, space, dynamics, relationship, unison, canon, formations, starting position, addition, direction, retrograde, contract, motif, stimulus, levels.

Further Learning



dancer tips: performance prep - youtube – performance techniques

discovering devi, 'impressions of the observer' - youtube - bharatanatyam dance

Hatton Character Qualities

Resilience	Open Mindedness	Creativity	Responsibility	Empathy
Self-Regulation	Courage	Commitment	Team Work	Leadership
Determination	Curiosity	Verbal Confidence	Social Intelligence	Citizenship

Student Learning Journey

Subject: English Year 7 Myths and Magic

Previously you have learnt



Last term you will have explored the idea of childhood within literature and practised your writing skills to explore the role of childhood in your own world. You studied the novel Oliver Twist, the 19th century and child labour laws. You also looked at how childhood can be affected by difficult situations, such as Malala and you created your own autobiographies.

In this unit you will learn



In this unit you will be focusing on the theme of Myths and Magic. You will begin by reading Skellig- a story where the lines between reality and magic are blurred. This will open up discussions of belief and truth. You will then study an Anglo-Saxon text, Beowulf, where once again you will explore how the text with engages with ideas of hierarchy, power and control. Alongside this you will begin learning about Anglo-Saxon England's world. You will also be exploring magic in story writing, by looking at mythical stories, understanding how to create stories and writing your own mythical stories.

Key Vocabulary and Terminology



Tier 2: Myth, hierarchy, severe, affluent, patriarchy, conflict, mock, chaos, heroic, kinship, resolute, vengeance.

Tier 3: narrative, adjectives, participles, personification, adverbs, exposition, rising action, climax, falling action, and denouement

Further Learning



Myths and Legends

Hatton Character Qualities

Resilience	**Open Mindedness**	**Creativity**	Responsibility	**Empathy**
Self-Regulation	Courage	Commitment	Team Work	Leadership
Determination	Curiosity	**Verbal Confidence**	**Social Intelligence**	Citizenship

Student Learning Journey

7.2 Geography - Year 7 – How the Earth works?

Previously you have learnt



In the previous unit, 'Geography Skills: Me and My World,' you gained a foundational understanding of geography and developed essential skills such as map reading, using Ordnance Survey maps, and understanding aerial photos. You learned to locate places worldwide, describe them using geographical vocabulary, and calculate real-world distances using map scales. You also practiced identifying directions with a compass rose, interpreting aerial photographs, and creating maps of your local area. The unit culminated in a local fieldwork experience in Wellingborough, where you applied your newfound skills to investigate your local area.

In this unit you will learn



This unit will delve into the Earth's natural systems and processes, exploring the lithosphere, hydrosphere, biosphere, and atmosphere. You will learn about the rock cycle, water cycle, carbon cycle, and the impact of glaciation. The unit will also cover biomes and their distribution, as well as the human impact on Earth's systems, such as deforestation and plastic pollution.

Key Vocabulary and Terminology



Tier 1: Earth, Water, Rock, Cycle, Biomes, Pollution, River, Glaciers, Systems, Natural

Tier 2: Lithosphere, Hydrosphere, Biosphere, Atmosphere, Rock cycle, Water cycle, Carbon cycle, Glaciation, Biomes, Deforestation, Pollution, Natural hazards, Earthquakes, Volcanoes, Floods, Interconnected, Human impact, Resources, Climate change, Atmosphere, Plate tectonics

Further Learning



The Rock Cycle: What is a rock

The Water Cycle: The water cycle

Understanding Biomes: World biomes

Hatton Character Qualities

Resilience	Open Mindedness	**Creativity**	Responsibility	**Empathy**
Self-Regulation	Courage	Commitment	Team Work	Leadership
Determination	**Curiosity**	**Verbal Confidence**	Social Intelligence	**Citizenship**

Student Learning Journey

7.3 – Geography - Year 7: DEVELOPMENT DILEMMAS

Previously you have learnt



In the previous unit, 'How Does the Earth Work?', you delved into the Earth's natural systems and processes. You explored the lithosphere, hydrosphere, biosphere, and atmosphere, learning about the rock cycle, water cycle, carbon cycle, and the impact of glaciation. You also studied biomes and their distribution, as well as the human impact on Earth's systems, such as deforestation and plastic pollution.

In this unit you will learn



This unit will focus on the concept of development and the uneven distribution of wealth worldwide. You will gain an understanding of the development gap, its origins, and efforts to bridge it. The unit will also explore the nature of power, both overt and covert, and how it is categorized as hard and soft power. Additionally, you will examine the physical and human geographies of China and Russia, linking them to their potential for future success.

Key Vocabulary and Terminology



Tier 1: Development, Wealth, Poverty, Inequality, Countries, Indicators, Trade, Aid, Investment, Growth

Tier 2: Economic indicators, Social indicators, Environmental indicators, GDP, Life expectancy, Literacy rates, Sustainable development, Economic development, Human development, Colonialism, Trade, Aid, Investment, Poverty, Inequality, Development gap, Factors, Strategies, Urbanisation, Social justice, Sustainability

Further Learning



Understanding Development: Gap-minder thematic maps

Economic Indicators: Measuring development through economics

Human Development Index: Human rights data

Hatton Character Qualities

Resilience	Open Mindedness	Creativity	Responsibility	Empathy
Self-Regulation	Courage	Commitment	Team Work	Leadership
Determination	Curiosity	Verbal Confidence	Social Intelligence	Citizenship

Student Learning Journey

Year 7 German Term 4 Schule und Freizeit

Previously you have learnt



How to talk about family and friend and name different family members. You are also able to describe people's personalities and compare people's personalities. We have embeded phonics and focus on speaking skills. We have also learnt how to use cognates to understand new language.

In this unit you will learn



How to describe your teachers and say if you do or do not like them with the reason why. You will also be able to say which sports and activities you do and don't do. You will also be able to say when you do these activities and who you do them with. You will use your knowledge of family members, cognates

Key Vocabulary and Terminology



Tier 2: noun gender, article, word order, infinitive verb, adjective, cognate
Tier3:
<u>You will be able to answer question like:</u>
Welchen Lehrer magst du?

Welchen Sportart machst du?

Further Learning



Please look at our department Padlet. Here you can find all the vocabulary plus links to videos and learning sites:

KS3 German

Hatton Character Qualities

Resilience	**Open Mindedness**	Creativity	Responsibility	Empathy
Self-Regulation	Courage	Commitment	Team Work	Leadership
Determination	**Curiosity**	**Verbal Confidence**	Social Intelligence	Citizenship

Student Learning Journey

Year 7, Term 4. Topic: Media and Digital Literacy – Being safe online

Previously you have learnt



In your previous school you will have learnt how to be safe online. This will include how to report and deal with cyberbullying. This will include positive online communcation through emails. This will include who you should and should not talk to online.

In year 7 computing lessons you will have learnt, where to report online safety concerns. You would have learnt how to be a positive online presence. You would have learnt that everything that happens online stays online. You have also had an assembly form Mrs Saleh about AI.

In this unit you will learn



This unit we will cover online safety and wellbeing. The impact will be on how you can protect your own mental wellbeing when using any device. This will include how to deal will cyber bullying, this will include how to correctly use social media, this will include what you should never share with others, this will include how you can be a positive influence online instead of a negative presence. You will also learn about the benefits and risks of AI (Artificial intelligence).

Key Vocabulary and Terminology



Tier 2: privacy, moderation, mindfulness, balance, authenticity, empathy, consent, boundaries, self-esteem, mental health, peer pressure, online reputation, validation, digital detox

Tier 3: cyberbullying, digital footprint, online etiquette, digital citizenship, cybersecurity, screen time, trolling

Further Learning

Online Safety - Sir Christopher Hatton Academy

www.nspcc.co.uk

Online contact and staying safe (thinkuknow.co.uk)

Hatton Character Qualities

Resilience	**Open Mindedness**	**Creativity**	**Responsibility**	**Empathy**
Self-Regulation	Courage	**Commitment**	Team Work	Leadership
Determination	Curiosity	**Verbal Confidence**	**Social Intelligence**	**Citizenship**

Student Learning Journey

Subject: Mathematics Year 7 3D Shapes

Previously you have learnt



In primary school to recognise 3D shapes from their nets, understand what volume is, used cubes to count it and calculate the volume of a cuboid.

In this unit you will learn



To convert between area and volume measures. You will to learn to apply your knowledge of solving equations to calculate missing lengths and/or area when given the volume of prisms.

Key Vocabulary and Terminology



Tier 2: Estimate, scales, area, shaded, volume, measures, metric, record, units, calculate, context, accuracy, imperial, regular, abbreviations, triangle, trapezium, recognise,

Tier 3: formulae, fraction, perimeter, polygons, vertices, surface area

Further Learning

Reading books on metric conversion

Oak National Academy Lessons

UKMT Maths Challenge Junior questions are a great source to deepen your understanding

Hatton Character Qualities

Resilience	Open Mindedness	**Creativity**	Responsibility	Empathy
Self-Regulation	Courage	Commitment	Team Work	**Leadership**
Determination	**Curiosity**	**Verbal Confidence**	**Social Intelligence**	Citizenship

Student Learning Journey

Subject: Mathematics Year 7 Ratio and Proportion

Previously you have learnt



In Primary School, the ratio symbol, terminology and using proportion to solve problems.

In this unit you will learn



To read, write and interpret ratios including the relationship between ratios and fractions. You will learn how to write and use ratios in unitary form and share quantities in a given ratio. You will also learn to solve problems involving direct proportion such as best buy problems.

Key Vocabulary and Terminology



Tier 2: simplify, quantity, express, equivalent, part, whole

Tier 3: ratio, unitary form, proportion, fraction, scale factor

Further Learning

NRich Short Problems
NRich Poster Problem, Three Fruits
Oak National Academy Lessons
UKMT Maths Challenge Junior questions are a great source to deepen your understanding.

Hatton Character Qualities

Resilience	Open Mindedness	**Creativity**	Responsibility	Empathy
Self-Regulation	Courage	Commitment	Team Work	Leadership
Determination	**Curiosity**	**Verbal Confidence**	Social Intelligence	Citizenship

Student Learning Journey

Subject: Mathematics Year 7 Sequences and Graphs 1

Previously you have learnt



The fundamental building blocks in Intro to Algebra. This includes understanding function notations, algebraic expressions and substitution. In Primary School you would have had experience with pictorial patterns such as continuing match stick problems.

In this unit you will learn



To describe and continue pictorial, fractional and decimal sequences. Understand key vocabulary such as position and term of a sequence. You will learn to generate and describe integer sequences, using the term to term rule and the position to term rule.

Key Vocabulary and Terminology



Tier 2: generate, describe, represent, pictorial, sequence, determine

Tier 3: linear, integer, term to term, position to term, triangular, square, odd, even

Further Learning

NRich Short Problems, Patterns and Sequences
NRich, Rich task
Oak National Academy Lessons
UKMT Maths Challenge Junior questions are a great source to deepen your understanding.

Hatton Character Qualities

Resilience	Open Mindedness	**Creativity**	Responsibility	Empathy
Self-Regulation	Courage	Commitment	Team Work	Leadership
Determination	**Curiosity**	**Verbal Confidence**	Social Intelligence	Citizenship

Student Learning Journey

Subject: Music - Year 7

Previously you have learnt



We will be reviewing your prior learning from Primary school and building upon your existing knowledge and experience of music.

In this unit you will learn



In this unit you will learn how to read music using staff notation and understand music across different cultures, genres and eras.

You will be expected to perform on various instruments using music notation in the treble clef. You will sing as a class.

You will learn how to compose a simple piece of music.

Key Vocabulary and Terminology



compose, contrast, improve, develop, variation, evaluate, structure, dynamics, tempo, high, low, thick, thin, fast, slow, loud, soft

Treble clef, pitch, rhythm, duration, time signature, crotchet, minim, quaver, semi-quaver, semibreve, tonality, melody, texture, genre,

Further Learning



BBC Bitesize:
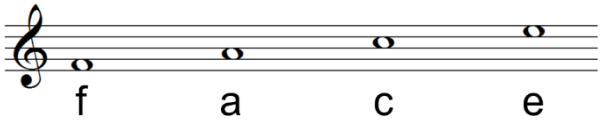
https://www.bbc.co.uk/bitesize/subjects/zmsvr82

Hatton Character Qualities

Resilience	Open Mindedness	Creativity	Responsibility	Empathy
Self-Regulation	Courage	Commitment	Team Work	Leadership
Determination	Curiosity	Verbal Confidence	Social Intelligence	Citizenship

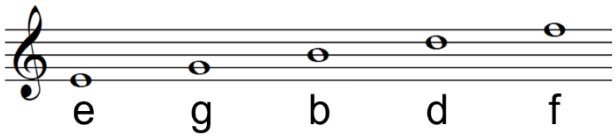
Music Notation - Pitch describes how high or low a sound is. When we talk about specific pitches in music, we use a musical alphabet, it goes like this… c,d,e,f,g,a,b,c.

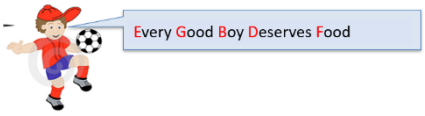
FACE in the space





Every Green Bus Drives Fast
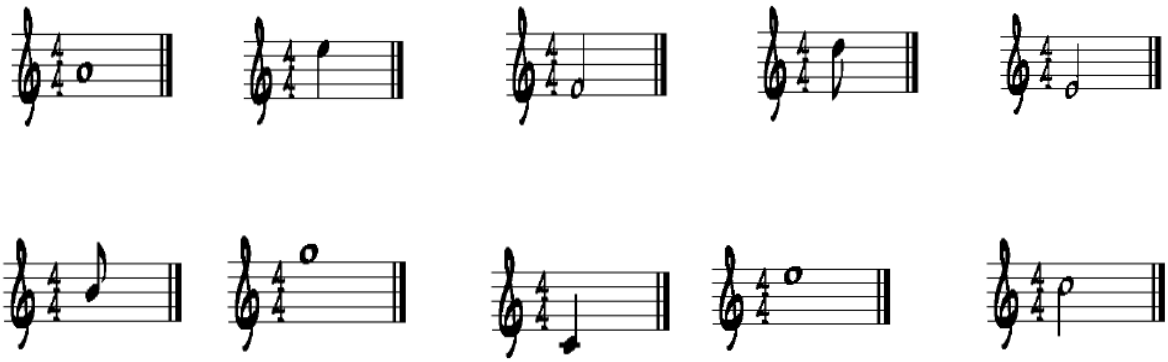






Note duration means how long you hold a note for. Most pieces of music have 4 beats in a bar.

Note Duration

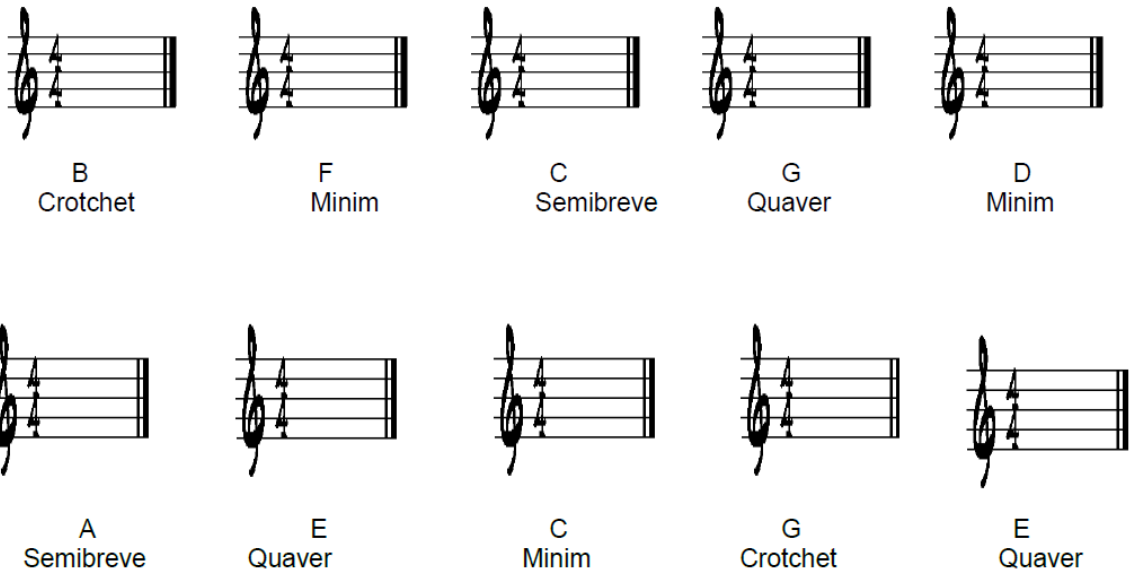
	4 beat	4	Semibreve
	2 beat	2	Minim
	1 beat	1	Crotchet
	½ beat	0.5	Quaver
	¼ beat	0.25	Semi-quaver

Name these pitches and note durations… Mark……../10 Peer/Self/Teacher



Now put the right note values in the right place… Mark……/10 Peer/Self/Teacher

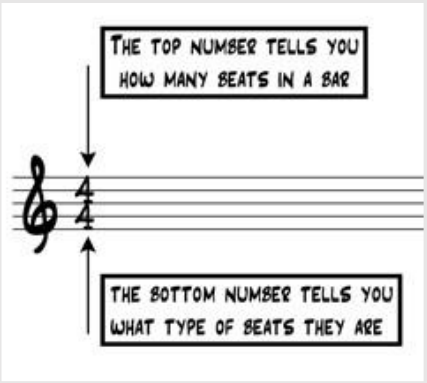
Now put the right note values in the right place…



DIRT

_____

Time Signatures



A time signature is found at the beginning of a piece of music and tells you how many, and what type, of beat can be found in each bar.

2/4 
March

3/4 
Waltz

4/4 

What is a **Chord**? A chord is two or more notes played together at the same time.

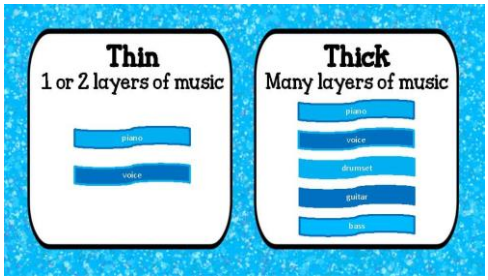
They can be:

MAJOR (happy) and MINOR (sad)





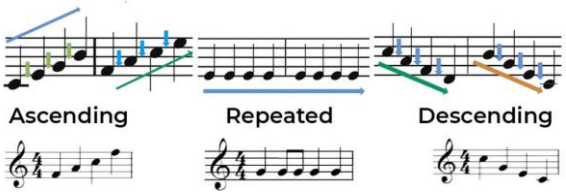
Texture means how many instruments are playing at the same time.

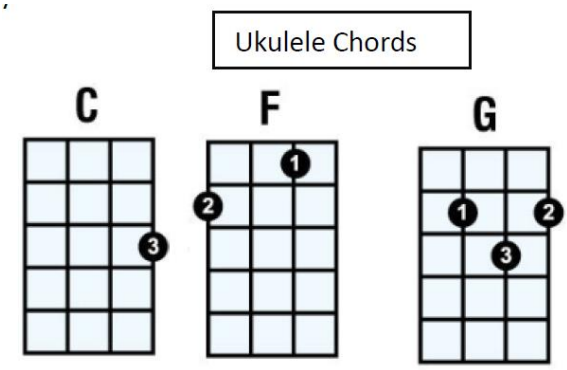


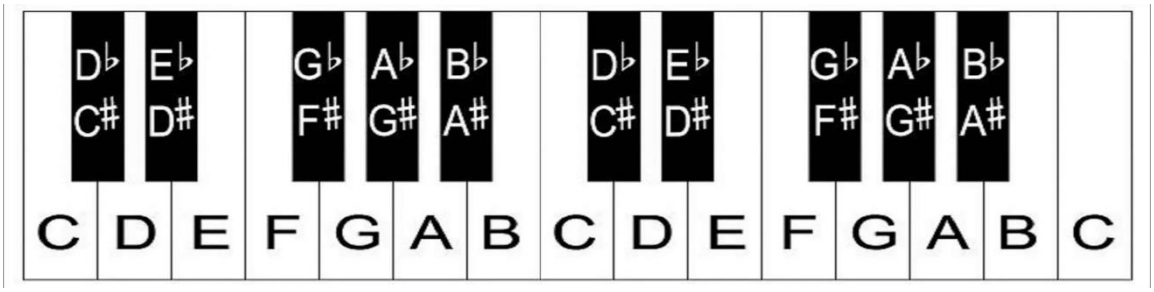
Pitch can be described as being…



Melodies are an arrangement of different pitches and can be described as…







Student Learning Journey

Subject: Physical Education Year 7 Outdoor Adventure Activities

Previously you have learnt



How to work with others, sharing ideas, collaborating and communicating in order to achieve success in the tasks you faced.

You will have been introduced to maps and be able to explain their purpose.

In this unit you will learn



To improve your teamwork and develop leadership skills in order to complete a number of physical and mental challenges. Within the challenges, you will build upon your basic map appreciation and use these resources to help you and your team achieve success.

Key Vocabulary and Terminology



Tier 2 Problem solving, teamwork, communication, leadership, confidence, effort, praise, encouragement, clear instruction

Tier 3 Key, orientate, grid reference, orienteering, north, south, east, west

Further Learning

4 and 6 figure grid references

Hatton Character Qualities

Resilience	Open Mindedness	**Creativity**	Responsibility	Empathy
Self-Regulation	Courage	Commitment	**Team Work**	**Leadership**
Determination	Curiosity	**Verbal Confidence**	Social Intelligence	Citizenship

Student Learning Journey

Subject: Physical Education Year 7 Badminton

Previously you have learnt



Previous knowledge will be limited for Year 7's as this will be most students first experience of this sport. Transferable skills will also be fairly limited as no other sport has these movement patterns.

In this unit you will learn



In Year 7, you will be introduced to the underarm clear, overhead clear and drop shot. The basic fundamental underarm service to begin a game. Strategies and tactical development, whilst learning how to outwit opposing players. How these skills can be incorporated into a competitive game.

Key Vocabulary and Terminology



Tier 2: teamwork, communication, movement.

Tier 3: ready position, underarm serve, underarm clear, overhead clear, drop shot, tactical awareness, positioning.

Further Learning

Badminton Beginners - Introduction of Basic Shots in Badminton Badminton basics
Badminton Technique - Overhead Clear - YouTube Overhead clear
Badminton : Short Serve in Badminton Backhand flick serve
How to Hit an Underarm Forehand Clear | Badminton Underarm clear
How to Hit a Forehand Overhead Drop Shot | Badminton Drop shot

Hatton Character Qualities

Resilience	Open Mindedness	Creativity	Responsibility	Empathy
Self-Regulation	**Courage**	Commitment	**Team Work**	Leadership
Determination	Curiosity	Verbal Confidence	Social Intelligence	Citizenship

Student Learning Journey

Subject: PE Year 7 Basketball

Previously you have learnt



- The basic principles of attack and defence in a basketball game.
- The basic rules of dribbling and travelling in a basketball game.
- How to pass and receive a basketball during a game.

In this unit you will learn



The principles of ball familiarisation and passing
The skills of dribbling and pivoting when in possession of the ball.
The ability to pass and move off of the ball.
The correct technique for shooting a set shot.
The correct technique for shooting lay up.
How to outwit an opponent in a competitive game situation.

Key Vocabulary and Terminology



Tier 2

obstruction, possession, outwitting

Tier 3

travelling, pivoting, intercepting.

Further Learning

Scan these QR codes for information

Basic Ball Handling **Pivoting** **Lay Up**

Hatton Character Qualities

Resilience	Open Mindedness	Creativity	Responsibility	Empathy
Self-Regulation	**Courage**	Commitment	**Team Work**	Leadership
Determination	Curiosity	Verbal Confidence	Social Intelligence	Citizenship

Excellence | Aspiration | Achievement | Inspiration | Community

Student Learning Journey

Subject: Physical Education Year 7 Rowing

Previously you have learnt



In primary school you learnt basic fundamental movement skills, team working and collaboration skills. You all have a basic understanding of the effects of exercise and different intensities on the body

In this unit you will learn



You will learn how to be safe while using and setting up machine. You will gain knowledge of all the machine parts. Demonstrate and use the correct rowing technique. Know the muscle groups used in rowing and controlling strokes per minute.

Key Vocabulary and Terminology



Tier 1
Start (catch), Drive, Finish, Recovery, Damper, strokes per minute

Tier 2
Deltoids, Triceps, Pectorals, Biceps, latissimus dorsi, Oblique's, Quadriceps, Hamstrings, Gastrocnemius.

Further Learning

Indoor rowing technique

Hatton Character Qualities

Resilience	Open Mindedness	Creativity	Responsibility	Empathy
Self-Regulation	**Courage**	Commitment	**Team Work**	Leadership
Determination	Curiosity	Verbal Confidence	Social Intelligence	Citizenship

Student Learning Journey

Subject: Physical Education Year 7 Volleyball

Previously you have learnt



Previous knowledge will be limited for Year 7's as this will be most students first experience of this sport. Transferable skills will also be fairly limited as no other sport has these movement patters.

In this unit you will learn



In Year 7, you will learn the introduction to the set shot technique and the dig shot technique. The basic fundamental underarm service to begin a game. Strategies and tactical development, whilst learning how to outwit opposing players. How these skills can be incorporated into a competitive game.

Key Vocabulary and Terminology



Tier 2: teamwork, communication, movement, height.

Tier 3: 3 touch play, dig set smash, tactical awareness, positioning.

Further Learning

Setting (grade 3-6) | Teach Volleyball Skills Set Shot
Pairs: Digging/passing (grade 3-6) | Teach Volleyball Skills Dig Shot
How To Serve a Volleyball Underhand

Hatton Character Qualities

Resilience	Open Mindedness	Creativity	Responsibility	Empathy
Self-Regulation	**Courage**	Commitment	**Team Work**	Leadership
Determination	Curiosity	Verbal Confidence	Social Intelligence	Citizenship

Student Learning Journey

Subject: PE Year 7 Football

Previously you have learnt



The students have previously learnt ball control, passing the ball to a team mate and being able to dribble the ball with their strong foot.

In this unit you will learn



Students are learning to dribble using both feet, when they are unopposed with a defender. The students are also working on receiving and turning with the ball, they are then going to pass and move around the defenders. The students will learn how to shoot with the correct technique.

Key Vocabulary and Terminology



Tier 2 First touch, Control

Tier 3 Accuracy, Movement

Further Learning

Passing Drill

Dribbling Drill

Hatton Character Qualities

Resilience	Open Mindedness	Creativity	Responsibility	Empathy
Self-Regulation	Courage	**Commitment**	**Team Work**	Leadership
Determination	Curiosity	Verbal Confidence	Social Intelligence	Citizenship

Student Learning Journey

Subject: Religious Education, Year 7, is Social Justice possible?

Previously you have learnt



You will have learnt about founding religions. You began your journey by considering the principles of belief and worldview, and what religion is. You then learnt about different world religions including Hinduism, Buddhism, Sikhism, Islam, Christianity, and Judaism.

In this unit you will learn



Is social Justice possible? Throughout this topic you will consider what social justice is, consider the definition of poverty and consider who is responsible for poverty and helping the poor. You will also explore the concept of wealth, and explain the impact of prejudice and discrimination. By the end of this topic you should be able to examine religious views on wealth and poverty, examine religious teachings on prejudice and discrimination, and examine ways in which prejudice can be fought against.

Key Vocabulary and Terminology



Tier 2: Adjective, observation, wealth, absolute poverty, relative poverty, unemployment, addiction, bereavement, redundancy, gambling, crime, charities, discrimination, sexism, racism, homophobia, injustice, prejudice

Tier 3: Christian, God, Jesus, Baptist, Methodist, heaven, Teachings of Muhammad, Islam, Sikhism, Buddhism, Zakat, Five Pillars of Islam, Monks, Vand Chhanka, Sewa, Guru Nanak, humanist, Pope

Further Learning



BBC Bitesize: An explanation on social justice - What is equality and social justice? - BBC Bitesize

Hatton Character Qualities

Resilience	Open Mindedness	Creativity	Responsibility	Empathy
Self-Regulation	Courage	Commitment	**Team Work**	Leadership
Determination	Curiosity	Verbal Confidence	Social Intelligence	**Citizenship**

Excellence | Aspiration | Achievement | Inspiration | Community

Student Learning Journey

Subject: Science Year 7 Biology 7B3 The Human Body Part 2

Previously you have learnt



In primary school, you learnt to identify the main parts of the human body including organs in the circulatory system. Earlier this year, you learnt about different types of cells and organs and their functions.

In this unit you will learn



To describe how sense organs transfer information to the brain, explain the mechanism of breathing, explain how gases are exchanged in the lungs, describe the structure and function of the circulatory system and describe the structure of the heart.

Key Vocabulary and Terminology



Tier 2: Describe, explain, exchange, structure, function.

Tier 3: Stimulus, Breathing, Respiration, Diaphragm, Gas exchange, Diffusion, Lumen, Red blood cell, Plasma

Further Learning



BBC Bitesize – Respiratory System Notes

BBC Bitesize – Circulatory System Notes

Hatton Character Qualities

Resilience	Open Mindedness	Creativity	**Responsibility**	Empathy
Self-Regulation	Courage	Commitment	Team Work	Leadership
Determination	Curiosity	Verbal Confidence	Social Intelligence	Citizenship

Student Learning Journey

Subject: Science Year 7 Physics 7P3 Waves Part 2

Previously you have learnt



At primary school, you identified that sounds are made through vibrations and investigated pitch and volume. Earlier this year, you described the properties of transverse waves such as light.

In this unit you will learn



To investigate uses of waves in the electromagnetic spectrum, describe longitudinal waves, explain what causes loudness and pitch, explain how longitudinal waves are used.

Key Vocabulary and Terminology



Tier 2: Loudness, pitch, investigate, explain, uses.

Tier 3: Electromagnetic Spectrum, Longitudinal, Frequency, Wavelength, Amplitude

Further Learning

BBC Bitesize – Waves Notes

Hatton Character Qualities

Resilience	Open Mindedness	Creativity	Responsibility	Empathy
Self-Regulation	Courage	Commitment	Team Work	Leadership
Determination	**Curiosity**	Verbal Confidence	Social Intelligence	Citizenship

Student Learning Journey

Subject: Science Year 7 Physics 7Pi Helicopter Investigation

Previously you have learnt



In primary school, you learnt to take measurements using a range of equipment, record data, make predictions, present findings and form conclusions to answer scientific questions.

In this unit you will learn



To describe how helicopters fall, plan an investigation to identify the effect of mass on falling helicopters, investigate the effect of mass on falling helicopters and conclude and evaluate your investigation.

Key Vocabulary and Terminology



Tier 2: Conclusion, evaluation, anomaly.

Tier 3: Hypothesis, independent variable, dependent variable, control variable, precise, accurate, reliable.

Further Learning

BBC Bitesize – Forces and Movement Notes

Hatton Character Qualities

Resilience	Open Mindedness	Creativity	Responsibility	Empathy
Self-Regulation	Courage	Commitment	Team Work	**Leadership**
Determination	Curiosity	Verbal Confidence	Social Intelligence	Citizenship

Student Learning Journey

Subject: Term 4 Spanish Year 7 El instito y El tiempo libre (school & freetime)

Previously you have learnt



How to talk about family and friend and name different family members. You are also able to describe people's personalities and to be able to compare people's personalities. We have embed phonics and focus on speaking skills. We have also learnt how to use cognates to understand new language.

In this unit you will learn



How to describe your teachers and say if you do or do not like them with the reason why. You will also be able to say which sports and activities you do and don't do. You will also be able to say when you do these activities and who you do them with. You will use your knowledge of family members, cognates

Key Vocabulary and Terminology



Tier 2 **Stem changing verbs, Three time frames, opinions**

Tier 3 **You will be able to answer question like:**

¿Cuál es tu deporte favorito?

¿Qué haces con tus amigos normalmente?

Further Learning

Please look at our department Padlet under Y7

KS3 Spanish

Hatton Character Qualities

Resilience	Open Mindedness	**Creativity**	Responsibility	**Empathy**
Self-Regulation	**Courage**	Commitment	Team Work	Leadership
Determination	Curiosity	**Verbal Confidence**	**Social Intelligence**	Citizenship