

# **Curriculum Overview for Parents/Carers AUTUMN TERM 2024**

Key Stage 4

Class/NC Year

**M4/Year 11** 

SUBJECT	AUTUMN 1	AUTUMN 2
<b>English</b> Mr Davies	plurals  Sentence construction, pune exclamation mark. noun, no exclamation, command, cor tense (past, present), apost	letter, capital letter, word, singular, ctuation, full stop, question mark, oun phrase, statement, question, mpound, suffix, adjective, adverb, verb, rophe, command individual and paired reading sessions.
<b>Science</b> Miss Hinchcliffe	Personal details such as addresses etc will also be practised.  AQA ELC Component 4 − Chemistry: Chemistry in our world  Acids react with metals, alkalis and bases to produce compounds known as salts  Many chemical reactions produce a change in temperature  Chemical reactions can be made to go faster or slower by changing the conditions  The Earth's atmosphere has changed over billions of years  Human activities increase the amounts of some substances in the atmosphere  Water that is safe to drink is essential for human health	

## Component 2: The four operations

#### Entry 1:

- √ 1.1 Add two whole numbers with a total up to 20.
- ✓ 1.2 Subtract one number up to 20 from another.
- √ 1.3 Understand and use the + and – signs to solve simple number problems.

#### Entry 2:

- ✓ 2.1 Add whole numbers with a total up to 100.
- ✓ 2.2 Subtract one number up to 100 from another.
- ✓ 2.3 Multiply using single digit whole numbers.
- ✓ 2.4 Use and interpret +, -, × and = in real life situations for solving problems.
- ✓ 2.5 Recall and use multiplication facts for the 2, 5 and 10 multiplication tables.

#### Entry 3:

- ✓ 3.1 Add and subtract using three-digit numbers.
- √ 3.2 Multiply a two-digit whole number by a single digit whole number.
- √ 3.3 Divide a two-digit whole number by a single digit whole number.
- √ 3.4 Use and interpret +, -, x, ÷ and = in real-life situations for solving problems.
- ✓ 3.5 Use inverse operations to find missing numbers.
- ✓ 3.6 Estimate the answer to a calculation.
- ✓ 3.7 Recall and use multiplication facts for the 3, 4 and 8 multiplication tables.

#### **Component 7: Geometry**

#### Entry 1:

- √ 1.1 Recognise and name squares, rectangles, triangles, circles, and cubes.
- √ 1.2 Compare and order a group of shapes or pictures or similar shapes of different size and recognise congruent Shapes.
- ✓ 1.3 Use and understand positional vocabulary.

#### Entry 2:

- ✓ 2.1 Recognise and name shapes including pentagons, hexagons and octagons and identify a right-angled triangle from a set of triangles.
- ✓ 2.2 Recognise and name cuboids, pyramids and spheres.
- ✓ 2.3 Describe the properties of 2D shapes, including straight and curved edges.
- ✓ 2.4 Describe the properties of solids: Number of edges, vertices and faces.
- ✓ 2.5 Understand angle as a measure of turn.

#### Entry 3:

- √ 3.1 Recognise and name prisms, cylinders and cones.
- √ 3.2 Draw lines of symmetry on shapes or pictures Including real life items such as road signs.
- ✓ 3.3 Recognise and draw nets of cubes and cuboids.
- √ 3.4 Identify whether an angle is less or more than a right angle
- ✓ 3.5 Identify horizontal, vertical and parallel lines.
- ✓ 3.6 Denote the position of a point on a grid by its coordinates or identify a point or item given its coordinates.
- ✓ 3.7 Use North (N), East (E), South (S) and West (W) to give directions or position from a map.

### **Maths** Mr De Sylva

	School Enterprise Challenge		
	The class will be given a budget of £100. The challenge is to design and		
PSHE	implement a business to increase the budget by the end of the		
Mr Davies	academic year. The class that e	earns the most amount of money will win	
IVII Davies	-	take in a WJEC unit on Money Matters	
	whilst completing the challenge.		
	Personal Response using Fabric	Aboriginal and Tribal Art	
Aut and			
Art and	Pupils develop their ideas from	Pupils will look at cultures of	
Design	previous KS3 exploration of skills	indigenous people. They will explore	
	into a piece of fabric or cushion.	repeating patterns and take their ideas	
Mrs Faucitt		into clay.	
	ΔΟΔΙ	Unit Awards	
	Food Handling, Preparation and Storage		
	The pupils will learn:		
	✓ The temperature at which food is at risk from spoilage		
Food Tech	✓ How to store food in appropriate	e places	
Mrs Leach	✓ Personal hygiene rules to be follo	owed when preparing food	
IVII 5 LCCCII	✓ Contributing factors to food poisoning		
	✓ Steps necessary to ensure the safe handling of food		
	✓ Select, prepare and make a dish suitable for freezing		
	✓ Fridge storage and temperature		
	Graphic design	Social Media and Mental Health	
<b>ICT</b> Miss Clarke	This half term, students will learn how to use a variety of apps to create digital designs. They will create an advert for an event of their choosing.  They will be working towards an AQA Unit Award, learning how to:  ✓ log into graphic design apps and open a new project  ✓ use the drawing tools  ✓ search for and open templates to edit  ✓ download a PNG (portable network graphics) image to save on a computer	AQA Unit Award in social media and mental health.  To achieve this award, students will:  ✓ watch a video about the main effects of social media on mental health  ✓ participate in a discussion about the link between social media and mental health  ✓ discuss and evaluate the main positive and negative effects on mental health of at least three social media platforms, e.g. Instagram, Facebook, Snapchat  ✓ identify a minimum of two negative effects of social media on a person's health  ✓ outline at least two ways of combating the negative effects of social media  ✓ gain an understanding of highlight reels, social currency, FOMO (fear of missing out) and	

	Introduction: Health & Fitness	Adventurous activities: Rock climbing
Sport & Nutrition Mr De Sylva *Applicable for a limited number of students from class*	Preparing for sporting activities:  ✓ AC1.1 Choose the correct equipment appropriate for sporting activities.  ✓ AC1.2 Show safe practice when taking part in sporting activities.  ✓ AC2.1 Perform a warm-up/cool down including: Stretching exercises, aerobic activities.  Frequent & regular physical activity for Health, Fitness and Well-Being:  ✓ AC1.1 Take part in physical activity on a regular basis.  ✓ AC2.1 Set up a basic fitness circuit.  ✓ AC3.1 Perform a basic fitness session using an appropriate method of	<ul> <li>✓ AC1.1 Identify basic equipment needed for safe participation in an activity.</li> <li>✓ AC1.2 Identify some risks associated with the activity.</li> <li>✓ AC2.1 Perform the activity using basic techniques with some control.</li> <li>✓ AC3.1 Select and carry out basic strategies for the activity.</li> </ul>
	training.	
Horticulture Ian Moorhouse	Level 1 in Practical Horticulture Skills  ✓ Health and Safety ✓ Working safely ✓ Working as a team ✓ Working on your own ✓ What is PPE (Personal Protective Equipment) ✓ Using sharp tools	
College Various L&M College Tutors	Catering  College tutors will be delivering a unit on catering this term.	
<b>Digital Media</b> Mr Davies	Music Videos  In small groups the pupils will choose a song for their group and look at the lyrics. The groups will then plan and storyboard a new music video for the song. They will also choose costumes and locations to film around the school environment. The pupils will be taught to use green screen and iMovie in order to manifest their ideas. The finished music videos will be shared with their peers in school before the Christmas break.	

	<u>Games</u>	<u>Gymnastics</u>
		Focus: Movement
	<b>Games: Basketball / football</b>	
	<u>alternating</u>	Key Skills: moving in different
		directions, travelling across a variety of
	Basketball skills:	equipment, communication, teamwork,
	✓ Dribbling the ball with	balancing.
	both hands.	
DE	✓ Chest pass, bounce bass	We will be using a variety of equipment
PE	and overhead pass.	to move around the sports hall,
Mr De Sylva	✓ Selecting the correct pass	practicing different balances and way
IVII DC SYIVA	,	of travelling.
and Mr	in game scenarios	
Darlington	✓ Defensive pressure	Each PE lesson is underpinned
Darlington-	✓ Rebounding	throughout with health education. In
Knight	✓ Shooting / lay-ups	our health education we will be
0 -	Football skills:	focusing on:
	✓ Passing, control and	✓ Keeping healthy
	moving into space.	✓ Looking after your heart
	✓ Dribbling and close	✓ Benefits of exercise
	control.	✓ How to do low impact exercise
	✓ Tackling, intercepting, and	to stay fit and healthy
	pressure on the ball.	✓ Introducing the pupils to new
	✓ Defensive shape.	sports/ exercises.
DofF	Topic Content	Topic Content
<b>DofE</b> Miss Taylor	Topic Content  Volunteering	Topic Content  Volunteering
<b>DofE</b> Miss Taylor	Volunteering	Volunteering
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_	Volunteering  ✓ Choose an activity from the DofE list.	Volunteering  ✓ Choose some ideas and look at plans on how to implement the
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<b>DofE</b> Miss Taylor	Expedition overview  ✓ Map reading in school and around the local area.  ✓ Pupils to check/service equipment.  ✓ Countryside Code of Conduct.  ✓ Fitness walks around the local area.  ✓ Volunteering work.	
Employment Skills Miss Clarke	Learning about the Work Place  ✓ Identify different types of workplaces. ✓ Identify different types of jobs. ✓ Identify skills related to different jobs. ✓ Identify personal qualities related to different jobs. ✓ How to conduct yourself in the workplace. ✓ Health and safety in the workplace.	Applying for jobs  ✓ CV writing ✓ Cover letter writing ✓ Interview practice ✓ Job search skills ✓ Confidence building activities ✓ Team building activities

If you require any further information regarding the curriculum, please do not hesitate to contact your class teacher vis Seesaw/Email.