



Year 10

Montgomery Learning Journey 2024-2025



	Cycle 1	Cycle 2	Cycle 3
English	Poetry Anthology- War Cluster Modern Drama: An Inspector Calls	Pre 19th Century Novel: A Christmas Carol Transactional writing NEA Spoken Language	Shakespeare: Romeo and Juliet Poetry Anthology- Power Cluster
Maths – Foundation	Congruence, similarity & enlargement Trigonometry, Equations & inequalities, Angles and bearings, Working with circles	Vectors, Ratios and fractions Percentages and interest, Probability	Collecting, representing & interpreting data Non-calculator methods Types of number and sequences Indices and roots, Manipulating expressions
Maths – Higher	Congruence, similarity & enlargement Trigonometry, Equations & inequalities, Simultaneous equations Angles & bearings	Working with circles Vectors Ratios and fractions, Percentages and interest, Probability	Collecting, representing & interpreting data Non-calculator methods Types of number and sequences Indices and roots, Manipulating expressions
Science – Biology	Organisation Bioenergetics	Infection & Response Homeostasis	Homeostasis (continued) Paper 1 Revision (mock exams)
Science – Physics	Particles Electricity	Electricity (continued) Atomic Structure	Forces Paper 1 Revision (mock exams)
Science – Chemistry	Chemical Change Energy Changes	Energy Changes (continued) Quantitative Chemistry	Chemical Analysis Paper 1 Revision (mock exams), Chemistry of the atmosphere
History	Health and the People	Health and the People/Germany	Germany
Geography	Living with the physical environment: Section A (The challenges of natural hazards), Section B (The living world), Section C (Physical landscapes)		
Child Development	RO57 Exam Unit Health and wellbeing for Child development Topic area 1 Preconception health and reproduction	RO57 Exam Unit Health and wellbeing for Child development Topic area 2 Antenatal care and preparation for birth RO59 NEA Understand the development of a child from one to five years	RO59 NEA Understand the development of a child from one to five years RO58 NEA Create a safe environment and understand the nutritional needs of children from birth to five years
French	Relationships and partnerships	Where people live and the environment	Travel and tourism: Places of interest
Art	Food project - initial research & art medium experimentation. Develop 2D responses	Food project- Further experimentation and artist research. 3D responses.	Begin Final Project- The natural world Initial research, drawing and experimentation

Art - Photography	Blackpool Food Photography Project	Blackpool Landscape and Portrait Project	Blackpool Street Photography Project
Drama	Practitioners: Stanislavski, Brecht and Katie Mitchell. Devising practice and drama techniques Begin component 1: Ideas and exploration	Practitioners: Continued into component 1 Component 1: Devising Theatre & Devised Portfolio of Evidence Component 2: Exploration of texts	Component 3: Exam text practical exploration Noughts and Crosses Component 1: Devising Theatre & Devised Portfolio of Evidence Component 2: Exploration of texts
DT - Resistant Materials	Unit 1 and 2 examination preparation Coursework preparation	Unit 3 and 4 examination preparation Coursework preparation	Unit 5 and 6 examination preparation Coursework preparation Start NEA
Food Preparation & Nutrition	Food safety Fruit & vegetables Cereals	Cereals Dietary needs & energy from food Cooking food & Cuisines Meat, poultry & fish	Meat, poultry & fish Factors affecting food choice Raising agents, Sensory testing Fats, oils & sugars, Food science
Core P.E	Students study a range of activities throughout the year that aim to develop their knowledge of different skills, tactics and rules associated with each activity. Students will studied a range of activities inclusive of: football, rounders, badminton, basketball, cricket, netball, rugby union, handball, fitness		
GCSE PE	GCSE PE Paper 1: Musculoskeletal System Cardiorespiratory System Practical: Badminton & Football	GCSE PE Paper 1: Aerobic & Anaerobic exercise, Effects of Exercise Lever Systems, Planes and Axes, Components of Fitness, Principles of Training Practical: Football & Netball	GCSE PE Paper 1: Principles of Training, Optimise Training Warming up & Cooling Down Coursework: NEA Section A Practical: Netball & Handball
Sports Studies	R185 Practical Performance & Leadership TA3, TA4 & TA5: Leading a Sports Session	R185 Practical Performance & Leadership R187: Outdoor Adventurous Activities	R185: Practical Performance & Leadership R187: Outdoor Adventurous Activities
Computing	Systems Architecture Memory & Data representation Networks / Network protocols	Network protocols Programming techniques	Programming techniques Robust programs Boolean logic
Enterprise	Exploring Enterprises Learning Alm A - Understand how and why enterprises and entrepreneurs are successful Learning Aim B - Understand customer needs and competitor behaviour through market research	Exploring Enterprises Learning Aim C - Understand how the outcomes of situational analyses may affect enterprises Planning and Presenting a micro-enterprise Learning Aim A: choose an idea and produce a plan for a micro-enterprise idea	Planning and Presenting a micro-enterprise Learning Aim B - Present a plan for the micro-enterprise idea to meet specific requirements
PSHE/RE	Rights and Responsibilities / Mental Health and Wellbeing	Exploring Relationships and Sex Education / Violence, Crimes and seeing safety	Exploring World Issues / Exploring British Values
Media	Music Industry / Advertising	Film Industry / Radio	Online, Social & Participatory Media / Magazines