Year 9 Half Term 4 Curriculum

Subject	Half Term 4 – Topic/Summary of Powerful Knowledge
English	A Sense of Belonging (20 th Century fiction):
	Theme of family love and guidance
	Misunderstanding and misconceptions
	Symbolism
	Parallelism and repetition
	The themes of injustice, subjugation and oppression
	Narrative structure - chain of events and cyclical narrative
	Social reform
	Main text: To Kill A Mockingbird (Lee)
Maths	
IVIALIIS	 Deduction Angles in parallel lines (Recall)
	Angles in parallel lines (Recall)Solve angle problems using chains of reasoning
	Angle problems with algebra
	Conjectures with angles
	 Link constructions and geometrical reasoning Rotation and translation
	Identify the order of rotational symmetry of a shape
	Compare and contrast rotational symmetry with line symmetry
	Rotate a shape about a point on a shape
	Rotate a shape about a point on a shape Rotate a shape about a point not on a shape
	Translate points and shapes by a given vector
	Compare rotation and reflection of shapes
	Find the result of a series of transformations
	Pythagoras' theorem
	Squares and square roots (Recall)
	 Identify the hypotenuse of a right-angled triangle
	Determine whether a triangle is right-angled
	 Calculate the hypotenuse of a right-angled triangle
	Calculate the hypotenuse of a right-angled thangle Calculate missing sides in right-angled triangles
	Use Pythagoras' theorem on coordinate axes
	Explore proofs of Pythagoras' theorem
	Use Pythagoras' theorem in 3D shapes
Science	Structure, bonding and the properties of Matter A
Science	Chemical bonds
	• Ionic bonds
	Ionic compounds
	Covalent bonding
	Metallic bonding
	Three states of matter
	Forces A
	• Forces
	• Speed
	Acceleration
	Velocity –time
	Calculations of motion
	- Calculations of motion

Heavy or massive Variation and evolution A Variation and evolution A Variation The theory of evolution		II
Variation The theory of evolution The theory of evolution The origin of species		Heavy or massive
History The theory of evolution		
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Drama Responding to a Stimulus based on a Theme		
	Drama	Responding to a Stimulus based on a Theme

	 Exploration of a range of stimuli using the theme of alcohol use/misuse. Using a range of explorative strategies to explore different issues related to alcohol.
	Use of voice and movement skills to create character.
Music	Composing Original Music-Using Music Software
	 Using music technology to manipulate and edit musical ideas.
	Recording music using a midi keyboard.
	Composing a melody.
	 The benefits of using music technology in the recording of music.
	How to create a complete section of music (minimum 8 bars).
	How to apply dynamics to a composition.
PE	Development of skills and tactics in one of the following sports: gymnastics,
	football, softball, athletics and badminton.
	 Focus on muscles and muscles movements related to sporting actions.
	Participation in an interform competition.
	 Continual development of fitness levels and knowledge of fartlek training.
RE/PSHE	Options and Pathways:
	The skills we need for work.
	The options process
	Rights and responsibilities of the workplace
	Religious vocation
	The life of Mother Theresa