

Week commencing	04/09/2023	11/09/2023	18/09/2023	25/09/2023	02/10/2023	09/10/2023	16/10/2023	23/10/2023	
Topic overview	<b>1</b>	<b>2</b>	<b>3</b>	<b>4</b>	<b>5</b>	<b>6</b>	<b>7</b>	<b>8</b>	
Skill specific	Teachers choice. Pick a lesson/topic/skill you most like to teach in order to build relationships with your class. Aim for accessible skills which will deliver success to students. Frequency trees, 2-way tables, Venn diagrams is a good example.	Ratio & proportion 01 - Prior knowledge check. - Direct proportion problems using ratio diagram. - Sharing problems using ratio diagram. - 1:n & n:1. - Inversely proportional relationships (e.g. man hours).	Ratio & proportion 02 - Best value problems. - Recipe problems. - Exam style contextual problems.	Ratio & proportion 03 - Combining ratios. - Ratio and fractions. - Ratio of ratio. - Form and solve equations from ratio context.	Compound measures - Speed, distance, time. - Density, mass, volume. - Pressure, force, area.	Percentages - Convert between fraction, decimal, and percentages.  (ALL NON-CALC and CALC) - Find what percentage one number is of another. - Determine a percentage change. - Find a simple percentage of an amount, using non-calculator methods. - Find a value after a simple percentage change, using non-	Catch-up, repair, revise, assess.	MOCKS 1 x full GCSE paper (calculator) 1 x full GCSE paper (calculator)	MOCKS Catch-up, repair, revise, assess.
Assessment	Knowledge check	Knowledge check	Knowledge check	Knowledge check	Knowledge check	Knowledge check	Knowledge check	Knowledge check	
Home learning	Guided Kcheck (30mins) SPARX (60mins)	Guided Kcheck (30mins) SPARX (60mins)	Guided Kcheck (30mins) SPARX (60mins)	Guided Kcheck (30mins) SPARX (60mins)	Guided Kcheck (30mins) SPARX (60mins)	Guided Kcheck (30mins) SPARX (60mins)	Guided Kcheck (30mins) SPARX (60mins)	Guided Kcheck (30mins) SPARX (60mins)	

**OCT HALF TERM**

Week commencing	06/11/2023	13/11/2023	20/11/2023	27/11/2023	04/12/2023	11/12/2023	18/12/2023
Topic overview	<b>9</b>	<b>10</b>	<b>11</b>	<b>12</b>	<b>13</b>	<b>14</b>	<b>15</b>
Skill specific	Experimental vs Theoretical probabilities, and calculate the former. - Successive independent events (including tree diagrams). - List a sample space for one event or combined events. - Successive dependent events, i.e. sampling without replacement (including tree diagrams). - Determine probabilities by considering the matching number of outcomes over the total number of outcomes. - Probability of mutually exclusive events.  - Form and solve equations from probability context.	Probability	Statistics - Histograms. - Stem and leaf. - Box plot. - Cumulative frequency (highlight difference to frequency polygon).	Circle theorems - Know key terms in relation to circles. - Angle at the centre is twice the angle at the circumference. - Angles in the same segment are equal. - Angle in a semicircle is 90 degrees. - Opposite angles in a cyclic quadrilateral add to 180. - Angle between a tangent and the radius at the point of contact is 90. - Angle between the tangent and a	Vector geometry - Find a vector between two points using an appropriate path. - Determine a vector involving a midpoint. - Determine a vector involving a fraction/ratio of the distance between two points.	Constructions, loci, plans & elevations - Draw the front elevation, side elevation or plan of a 3D shape. - Construct the perpendicular bisector of a line. - Construct the bisector of an angle. - Construct a triangle given 2 angles and a side (ASA).	Bounds and error interval - Calculate the upper and lower bound of rounded values or identify an error interval. - Use lower and upper bounds within calculations to calculate a further lower/upper bound.
Assessment	Knowledge check	Knowledge check	Knowledge check	Knowledge check	Knowledge check	Knowledge check	Knowledge check/Past paper
Home learning	Guided Kcheck (30mins) SPARX (60mins)	Guided Kcheck (30mins) SPARX (60mins)	Guided Kcheck (30mins) SPARX (60mins)	Guided Kcheck (30mins) SPARX (60mins)	Guided Kcheck (30mins) SPARX (60mins)	Guided Kcheck (30mins) SPARX (60mins)	Guided Kcheck (30mins) SPARX (60mins)

**CHRISTMAS HOLIDAYS**

Week commencing	08/01/2023	15/01/2023	22/01/2023	29/01/2023	05/02/2023
Topic overview	<b>16</b>	<b>17</b>	<b>18</b>	<b>19</b>	<b>20</b>
Skill specific	Iteration - Find approximate solutions to equations numerically using iteration.	Teachers choice. Pick a lesson/topic/skill you most like to teach in order to build relationships with your class. Aim for accessible skills which will deliver success to students. Frequency trees, 2-way tables, Venn diagrams is a good example.			MOCKS 1 x full GCSE paper (non-calculator) 1 x full GCSE paper (calculator)
Assessment	Knowledge check	Knowledge check/Past paper	Knowledge check	Knowledge check/Past paper	Knowledge check/Past paper
Home learning	Guided Kcheck (30mins) SPARX (60mins)	Guided Kcheck (30mins) SPARX (60mins)	Guided Kcheck (30mins) SPARX (60mins)	Guided Kcheck (30mins) SPARX (60mins)	Guided Kcheck (30mins) SPARX (60mins)

**FEB HALF TERM**

Week commencing	14/01/1900	21/01/1900	27/01/1900	03/02/1900	10/02/1900
Topic overview	<b>21</b>	<b>22</b>	<b>23</b>	<b>24</b>	<b>25</b>
Skill specific					
Assessment	Knowledge check/Past paper	Knowledge check	Knowledge check/Past paper	Knowledge check	Knowledge check/Past paper
Home learning	Guided Kcheck (30mins) SPARX (60mins)	Guided Kcheck (30mins) SPARX (60mins)	Guided Kcheck (30mins) SPARX (60mins)	Guided Kcheck (30mins) SPARX (60mins)	Guided Kcheck (30mins) SPARX (60mins)

**EASTER HOLIDAYS**

Week commencing	08/04/2024	15/04/2024	22/04/2024	29/04/2024	06/05/2024	13/05/2024	20/05/2024
Topic overview	<b>26</b>	<b>27</b>	<b>28</b>	<b>29</b>	<b>30</b>	<b>31</b>	<b>32</b>
Skill specific	HIGH VALUE TOPICS - Ratio, proportion. - Percentages. - Fractions. - Probability.						
Assessment		Knowledge check/Past paper	Knowledge check	Knowledge check/Past paper	Knowledge check	Knowledge check/Past paper	Knowledge check/Past paper
Home learning		Guided Kcheck (30mins) SPARX (60mins)	Guided Kcheck (30mins) SPARX (60mins)	Guided Kcheck (30mins) SPARX (60mins)	Guided Kcheck (30mins) SPARX (60mins)	Guided Kcheck (30mins) SPARX (60mins)	Guided Kcheck (30mins) SPARX (60mins)

**MAY HALF TERM**

Week commencing	03/06/2024	10/06/2024	17/06/2024	24/06/2024	01/07/2024	08/07/2024	15/07/2024
Topic overview							
Skill specific							
Assessment							
Home learning							