

## ACP Learning Outline - Mathematics

<b>Unit 5 – The Calendar and Time</b>		
<b><u>Learning Aim (WALT)</u></b>	<b><u>Activities</u></b>	<b><u>Learning Outcome (WILF)</u></b>
Recognising Calendar Facts	<ul style="list-style-type: none"> <li>- Create a year calendar showing the seasons and which months go where.</li> <li>- Home Learning – Calendars – days of the week, months of the year &amp; sign language.</li> </ul>	<ul style="list-style-type: none"> <li>• Know the days of the week and their order (E1)</li> <li>• Know the seasons and months and their order (E2)</li> <li>• Know that 1 week = 7 days and how many days are in each month (E2)</li> <li>• Know that 1 year = 365 days = 12 months = 52 weeks, Leap year = 366 days (E3)</li> </ul>
Time Facts	<ul style="list-style-type: none"> <li>-10Ticks L3-5 p17, 24-26</li> <li>-10Ticks L4-3 p21,</li> </ul>	<ul style="list-style-type: none"> <li>• Know that 1 day = 24 hours, 1 hour = 60 minutes and 1 minute = 60 seconds (E2)</li> <li>• Know that 1 day = 24 hours, 1 hour = 60 minutes and 1 minute = 60 seconds (E2)</li> <li>• Use time in Roman Numerals to read time problems (E3)</li> <li>• Convert between 12 and 24 hour clock systems (E3)</li> </ul>
Reading Time	<ul style="list-style-type: none"> <li>- Draw clocks on a whiteboard and match between words, analogue and digital times.</li> <li>-10Ticks L3-5 p3,4 (blank clock and digital time faces)</li> <li>-10Ticks L3-5 p5-10</li> <li>-Home Learning – time year 1,2,3,4</li> </ul>	<ul style="list-style-type: none"> <li>• Read and write the time to the hour or half hour on an analogue clock (E1)</li> <li>• Read and draw times to the quarter hour in words, analogue and 12hour digital times (E2)</li> <li>• Read and represent time to the nearest 5 minutes on an analogue clock (E2)</li> <li>• Read and write any time on a 12hour digital clock (E2)</li> <li>• Use time in Roman Numerals to read analogue time (E3)</li> </ul>
Organise events in time and date order	<ul style="list-style-type: none"> <li>- Create a flowchart ordering the activities for (getting ready for school, making a drink, the school day)</li> <li>- Home learning – time year 3 &amp;4 higher</li> </ul>	<ul style="list-style-type: none"> <li>• Order familiar events (E1)</li> <li>• Organise events on a timeline with time in days, months, years (E2)</li> <li>• Organise events on a timeline for a day (E2)</li> </ul>

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Reading and Using Calendars	<ul style="list-style-type: none"> <li>- 10Ticks L3-5 p19-23</li> <li>- 10Ticks L4-3 p24</li> <li>- Home Learning – Calendars – problem solving</li> </ul>	<ul style="list-style-type: none"> <li>• Use a calendar to write the numerical date correctly (E3)</li> <li>• Use a calendar to solve problems (E3)</li> </ul>
Time Calculations	<ul style="list-style-type: none"> <li>- 10Ticks L3-5 p11-16, 18</li> <li>- 10Ticks L4-3 p22,23,25,26</li> <li>- 10Ticks L5-3 p39,40</li> <li>- Use local bus and train timetables to find out how long journeys between places familiar to the student take.</li> <li>-</li> </ul>	<ul style="list-style-type: none"> <li>• Find the difference between 2 times given in hours, half hours and quarter hours (E2)</li> <li>• Calculate total times for 3 events (E3)</li> <li>• Solve real-life problems using time (E3)</li> <li>• Use time in Roman Numerals to solve time problems (E3)</li> <li>• Convert between hours, minutes and seconds (E3)</li> </ul>
Speed, Distance & Time	<ul style="list-style-type: none"> <li>- 10Ticks L6-5 p15-20</li> <li>- 10Ticks L7/8-6 p29-32</li> <li>- 10Ticks L7/8-6 p23-26</li> </ul>	<ul style="list-style-type: none"> <li>• Identify Distance and Time from graphs (E3)</li> <li>• Calculate speed, distance and time using formula (L1)</li> <li>• Apply SDT knowledge to solving travel problems (L2)</li> </ul>
<b>Progress Check</b>	<p><i>Reviewing progress activities – complete the appropriate tasks below - mark and record score – gap analysis for topics (RAG) ready for when we return and review the learning area in subsequent years.</i></p> <ol style="list-style-type: none"> <li>1. <b>GCSE 1-2 &amp; Entry Level – Calendar &amp; Time</b> – complete assignment paper A -</li> <li>2. <b>GCSE 3-5 &amp; Functional Skills</b> <ol style="list-style-type: none"> <li>a) Timetables and distance tables</li> <li>b) Distance-time graphs grade 4</li> <li>c) Compound measures grade 4.5</li> </ol> </li> </ol>	

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