

# Changing Time: Maths : Year 5 : Autumn Term

	Learning Objective	Overview	Assessment Questions	Resources
<b>Lesson 1</b>	To understand the relationship between different measures of time.	Children will define different measures of time, such as second, minute, hour, day, week and year, and express how they are related to each other. They will use this information to express, e.g. how many hours there are in three days.	<ul style="list-style-type: none"> <li>• Can children name and define a variety of measures of time?</li> <li>• Do children understand the relationship between various measures of time?</li> <li>• Can children convert between different measures of time?</li> </ul>	<ul style="list-style-type: none"> <li>• Slides</li> <li>• Word Cards</li> <li>• Sentence Cards 1A/1B</li> <li>• Game Instruction Card 1A/1B</li> <li>• Timers</li> <li>• Challenge Card (FSD? activity only)</li> </ul>
<b>Lesson 2</b>	To be able to solve problems involving converting units of time.	Children will solve word problems relating to the duration of events. In order to answer accurately, children will need to convert units of time. Problems will include all four operations.	<ul style="list-style-type: none"> <li>• Can children convert between units of time?</li> <li>• Can children solve problems involving converting between units of time?</li> <li>• Can children use all four operations to solve problems involving converting between units of time?</li> </ul>	<ul style="list-style-type: none"> <li>• Slides</li> <li>• Worksheet 2A/2B/2C</li> <li>• Question Cards 2A/2B/2C</li> <li>• Operations Sheet</li> <li>• Answer Cards (FSD? activity only)</li> </ul>
<b>Lesson 3</b>	To be able to solve problems involving the use of clocks.	Children will read analogue and digital clocks accurately, using this skill to help them solve problems relating to the duration of events. They will work out the difference between two times shown on a clock and convert minutes to hours, and vice versa.	<ul style="list-style-type: none"> <li>• Can children accurately read analogue and digital clocks?</li> <li>• Can children work out the difference between times shown on two clocks?</li> <li>• Can children solve problems involving telling the time and converting units of time?</li> </ul>	<ul style="list-style-type: none"> <li>• Slides</li> <li>• Worksheet 3A/3B/3C</li> <li>• Daily Timetable 3A/3B/3C</li> <li>• Clock Cards 3A/3B (FSD? activity only)</li> </ul>
<b>Lesson 4</b>	To be able solve time problems involving timetables.	Children will read timetables shown in 24-hour digital time. They will use the information to answer questions, complete missing information and solve problems relating to the duration of events. Problems are given in the context of the Orient Express.	<ul style="list-style-type: none"> <li>• Can children read a timetable accurately, including times shown in 24-hour time?</li> <li>• Can children fill in missing information in a timetable?</li> <li>• Can children use a timetable to answer questions?</li> </ul>	<ul style="list-style-type: none"> <li>• Slides</li> <li>• Worksheet 4A/4B/4C</li> <li>• Question Cards 4A/4B (FSD? activity only)</li> </ul>
<b>Lesson 5</b>	To be able to solve problems involving converting units of time.	Children will explore the duration of the Apollo Space Missions. They will use the information to convert units of time in order to compare the lengths of the different missions.	<ul style="list-style-type: none"> <li>• Can children solve problems involving converting days to hours and vice versa?</li> <li>• Can children solve problems involving converting minutes to seconds and vice versa?</li> <li>• Can children use a variety of appropriate methods to solve problems involving time?</li> </ul>	<ul style="list-style-type: none"> <li>• Slides</li> <li>• Worksheet 5A/5B/5C</li> <li>• Apollo Mission Fact Cards</li> </ul>