

	Learning Objective	Overview	Assessment Questions	Resources
Lesson 1	To be able to use a calendar to solve problems.	Children will recap their knowledge of the months of the year and how months are split into weeks and days. They will use calendars to answer simple questions before using both calendars and clocks to solve more challenging problems to help them calculate the duration of events in weeks, days and hours, converting answers where necessary.	<ul style="list-style-type: none"> • Do children understand what a calendar is and how they are used? • Can children use a calendar to answer questions? • Can children convert measures of time from days to hours? 	<ul style="list-style-type: none"> • Slides • Worksheet 1A/1B/1C/1D • Calendar Sheet
Lesson 2	To be able to calculate lengths of time.	Children will use their knowledge of years, months and days to work out how long famous people lived for. They will use calendars and calculators to support them, taking leap years into account where necessary. They can also calculate how long they have been alive for in years, months, weeks and days.	<ul style="list-style-type: none"> • Do children understand how passages of time are related to each other? • Can children use their knowledge of years and months to calculate lengths of time? • Can children use a calculator to support their calculations? 	<ul style="list-style-type: none"> • Slides • Famous People Cards • Challenge Cards 2A/2B/2C/2D • Calendar Card • Leap Year Card • Calculators (FSD? activity only)
Lesson 3	To be able to solve problems involving converting between units of time.	Children will find out the scientific meaning of 'day' and 'year' as they explore the length of days and years for other planets in Earth days and years. They will convert units of time and use calculators to check and support their calculations.	<ul style="list-style-type: none"> • Do children understand the scientific definition of a day and a year? • Can children convert various units of time? • Can children use a calculator to check and support their calculations? 	<ul style="list-style-type: none"> • Slides • Worksheet 3A/3B/3C • Calculators • Planet Data sheet (FSD? activity only) • Question Cards (FSD? activity only)
Lesson 4	To be able to read and interpret information in timetables.	Children will learn to read and interpret timetables accurately in the context of a cinema timetable. They will use a cinema timetable to work out a variety of problems, including film durations, screening times and travel times, converting units of time where necessary. They can also create their own timetables based on a set of given criteria.	<ul style="list-style-type: none"> • Can children read a timetable accurately? • Can children work out the duration of films from a timetable? • Can children convert units of time to help them solve problems? 	<ul style="list-style-type: none"> • Slides • Worksheet 4A/4B/4C • Cinema Timetable 4A/4B • Challenge Sheet (FSD? activity only)
Lesson 5	To be able to read, complete and interpret information in timetables.	Children will read and interpret bus timetables to answer questions and solve a variety of problems. They will use given facts to fill in missing information on the timetables and use information within timetables to answer questions about the duration of various bus journeys.	<ul style="list-style-type: none"> • Can children read timetables accurately? • Can children fill in missing information on timetable? • Can children interpret information in timetables? 	<ul style="list-style-type: none"> • Slides • Worksheet 5A/5B/5C • Fact Sheet 5A/5B (FSD? activity only)