Time and Money: Maths : Year 6 : Spring Term

PlanBee

	Learning Objective	Overview	Assessment Questions	Resources
Lesson 1	To be able to solve time problems, including those involving converting between units of time.	Children will recap telling the time on analogue and digital clocks before moving on to solve a variety of problems using all four operations, including those where units of time have to be converted.	• Can children read the time accurately on analogue and digital clocks? • Can children solve word problems involving time? • Can children convert units of time to help them solve problems?	• Slides • Worksheet 1A/1B/1C • School Timetable 1A/1B (FSD? activity only) • Time Cards - plenary
Lesson 2	To be able to solve problems relating to time zones around the world.	Children will explore time zones around the world. They will find out what 'GMT' is and identify the time zones of various cities using a time zone map. They will work out what the local times around the world are in comparison to each other, such as working out what the time in New York is if it is 14:30 in London.	• Do children understand that there are different time zones around the world? • Can children calculate time differences around the world? • Can children solve problems involving time zones?	• Slides • Time Zone Map 2A/2B • Worksheet 2A/2B/2C • Question Cards 2A/2B (FSD? activity only)
Lesson 3	To be able to solve problems involving converting between units of time.	Children will solve problems relating to time zones. They are challenged to work out what the local time at a flight destination is, taking into account both the flight time and the time difference. There can also find car journeys across Europe that take a particular length of time using online maps.	• Do children understand the relationship between different units of time? • Can children convert units of time from minutes to hours and minutes? • Can children solve time problems involving several steps?	• Slides • Worksheet 3A/3B/3C • Time Zone Map sheet • Challenge Cards 3A/3B (FSD? activity only)
Lesson 4	To be able to multiply numbers with two decimal places by whole numbers.	Children will explore how much money workers earn for doing different jobs. They will multiply numbers with two decimal places to calculate how much workers are paid for certain jobs. They can also work out how much different workers across a variety of sectors get paid per day, week and year.	• Can children multiply a number with two decimal places by a whole number? • Can children convert measures of time to solve problems? • Can children use a variety of appropriate methods to solve problems?	• Slides • Worksheet 4A/4B/4C • Challenge Cards 4A/4B (FSD? activity only) • Wage Cards (FSD? activity only)
Lesson 5	To be able to multiply a number with two decimal places by a whole number.	Children will find out what the term 'minimum wage' means in this lesson and explore minimum wage hourly rates in a variety of countries across the world. They will use this information to solve a variety of problems, including how many hours different minimum-wage workers around the world would have to work in order to pay for the same item.	• Can children multiply a number with two decimal places by whole numbers? • Can children order decimal values from smallest to largest? • Can children convert measures of time to help them solve problems?	• Slides • Worksheet 5A/5B/5C • Infographic sheet (FSD? activity only) • Question Cards (FSD? activity only)

NB: 'FSD? Activity only' refers to the alternative 'Fancy Something Different…?' activity within the lesson plan