Phase 7 Money Assessment

Phase 7 Progression Overview	Assessment Note	Marks
• **I can read and record time in both 12 hour and 24-hour notation and can convert between the two.**	Question 1 and 2	
• **I know the relationships between commonly used units of time and carries out simple conversion calculations, for example, changes 1 ¾ hours into minutes.**	Question 3, 4 and 5	
• **I can use and interpret a range of electronic and paper-based timetables and calendars to plan events or activities and solve real life problems.**	Question 6 and 7 **Have you included electronic timetables in your planning and observed your learners using these?**	
• **I can calculate durations of activities and events including situations bridging across several hours and parts of hours using both 12 hour clock and 24 hour notation.**	Question 6 and 7	
• **I can estimate the duration of a journey based on knowledge of the link between speed, distance and time.**	Question 8, 9 and 10	
• **I can choose the most appropriate timing device in practical situations and records using relevant units, including hundredths of a second**	Not in assessment, assessed through teacher observations.	
• **I can select the most appropriate unit of time for a given task and justifies choice.**	Question 11	

	Question	Mark
1	Josh checks his watch, and it reads this:  What is the time in 12-hour notation?	**1**
2	Joe checks the time in the afternoon.  Write the time in 24-hour notation?	**1**

3	It takes 135 minutes to get from the school to the cinema. What is this in hours and minutes? Show your thinking.	**1**
4	Lunch time is in 2 ¼ hours. What is this in hours and minutes? Show your thinking.	**1**
5	I spent 2 hours and 8 minutes the museum. How long is this in minutes? Show your thinking.	**1**

6	March Mon Tue Wed Thu Fri Sat Sun 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 April Mon Tue Wed Thu Fri Sat Sun 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 May Mon Tue Wed Thu Fri Sat Sun 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31	(a) My birthday is 2 weeks and 3 days after the date highlighted in the calendar. What date is my birthday?	**1**
		(b) From the date highlighted how many weeks and days is it until April 26th?	**1**

9 Look at the following bus time table then answer the following questions:

Destination	Bus A	Bus B	Bus C	Bus D
Trolly	08.10	11.16	15.58	13.15
Sparkle Town		11.22	16.09	
Mansville	08.55		16.49	13.41
Clearwater	09.13	12.01	17.12	14.16

(a) How long does it take to get from Trolly to Clearwater on Bus A?
Show your thinking.

1

(b) I have an appointment in Mansville at 2.45pm, what is the best bus for me to get?
Explain why.

1

(c) How long does it take me to get from Sparkle Town to Clearwater on Bus B?
Show your thinking.

1

(d) What bus takes the least amount of time to get from Trolly to Sparkle Town?

1

8	An aeroplane is going 300mph and travels for 8 hours. How far does it travel? Show your thinking.	**1**
9	How long does it take to drive 60 miles, where I am driving at an average speed of 40mph? Show your thinking.	**1**

10	A train travels 200km in 3 hours. What is its average speed? Show your thinking.	**1**
11	Answer the following questions.	
(a)	What unit of time would I use to measure how long it would take me to walk from one end of the classroom to the other?	**1**
(b)	What unit of time would I use to measure traveling from Scotland to Australia?	**1**
(c)	What unit of time would I use to measure my walk to school?	**1**