Year 5 into Year 6 mathematics:

Reading timetables and time, including 24-hour clocks

Key learning

Read timetables and time using 24-hour clock notation; use a calendar to calculate time intervals.

Check that your child can:

- read a timetable written in 24-hour notation;
- solve problems using a timetable;
- work out the length of time between dates using a calendar.

Train and Ferry timetable				
London to Dublin				
London Euston train depart:	06:46	09:00	11:28	19:38
Holyhead train arrive:	11:30	13:03	15:30	23:29
Change trains at:	Crewe	direct	Crewe	direct
Holyhead ferry depart:	12:00	14:10	17:15	02:40
Dublin Ferryport arrive:	13:49	17:25	19:04	05:55

Television programme guide			
BBC 1		**ITV 1**	
5:35 pm:	Neighbours	5:15 pm:	Soapstar Superchef
6:00 pm:	BBC News	6:00 pm:	London Tonight
6:15 pm:	Regional news	6:30 pm:	ITV Evening News
6:30 pm:	Mission Africa	7:00 pm:	Emmerdale
7:25 pm:	Holiday	7:30 pm:	Coronation Street
8:00 pm:	Match of the Day	8:00 pm:	Cash in your house

Notes for parents/carers

There are lots of opportunities to read timetables and schedules in the home. Help your child to interpret bus, train and ferry timetables, airline flight times, and TV schedules. Help them to work out arrival and departure times, how long a journey takes or how long a programme lasts.

Look at a timetable like the London to Dublin train and ferry timetable with your child and ask questions such as:

- How long does the first train from London Euston take to travel to Holyhead?
- If you arrive at Holyhead at 13:03, how long do you have to wait for the ferry to depart?
- If you left London Euston at 9:00am when should you arrive in Dublin?
- If you had to be in Dublin by 2:00pm, which train would you catch from London Euston?
- Which of these journeys from London to Dublin is the quickest?

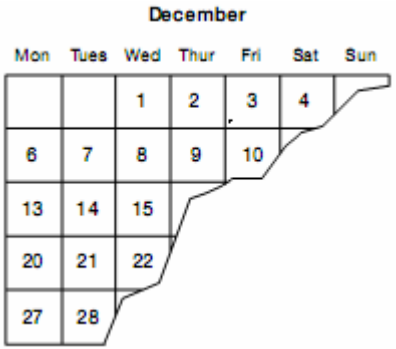
Look at a TV programme guide and ask questions such as:

- How long does the programme Mission Africa last?
- If I turn over to BBC 1 at the end of Emmerdale, what programme is on?
- How long is it until your favourite programme starts? What did you need to know to work that out?
- How long does Channel 4 spend broadcasting news programmes in one day? Is it the same on weekdays and at the weekend? With your child, both predict how long you think will be spent on news programmes, then work together to add up the times. Who was closest?

“Let’s talk about maths”

Make use of opportunities to give your child practical experience of mathematics in the home and everyday life, such as

- weighing;
- measuring;
- working out change;
- estimating;
- working out lengths of time.



When working with your child, try:

- asking what they have learnt in mathematics;
- getting them to draw a picture to explain.

Activities to carry out together

Use a calendar showing days and months to:

- find birthdays of members of the family and work out how many days and weeks it is until the next birthday;
- find out what days of the week your birthdays will be next year;
- work out the length of the school summer holiday;
- look at the calendar for May and work out what day the 13th of June will be. Check to see if you were right?

Produce your own timetable of events for the week.

ICT Links

Use the internet to find other examples of timetables and time differences around the world.

Explore the Tell Time ITP at

http://www.standards.dfes.gov.uk/primaryframeworks/library/Mathematics/ICTResources/itps/

Ask your child to make comparisons between analogue and digital clocks, and between 12-hour and 24-hour times.

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