My Maths and LBQ Support Pack

Welcome to your My Maths and LBQ Maths support pack for the week. In this pack you will find a page or two that will help you with the days task on LBQ.

If you are still unsure of something from your LBQ task, just email Mr Goodwin.

Monday – LBQ

Converting Time 12 hour to 24 hour

Today you are converting from 12 to 24 hour time and from 24 hour to 12 hour time.

Add 12 to the hours between 1:00 and 11:59 PM and eliminate "PM"

1:00 PM = 13:00	7:00 PM = 19:00
2:00 PM = 14:00	8:00 PM = 20:00
3:00 PM = 15:00	9:00 PM = 21:00
4:00 PM = 16:00	10:00 PM = 22:00
5:00 PM = 17:00	11:00 PM = 23:00
6:00 PM = 18:00	

wiki **How to Convert from 24 Hour to 12 Hour Time**

Midnight is recorded as 00:00

Tuesday – LBQ
Interpreting Timetables

Today you are going to be reading and interpreting timetables.

Watch this video to recap the typical layout of a timetable and how to understand the different columns. It also models how to answer questions based on timetables.

https://www.youtube.com/watch?v=40BJ0o0VD-0

Wednesday – LBQ Interpreting Timetables

Today you are going to be reading and interpreting timetables.

Use the timetable to answer the questions below:

Station	Time				
Burwood	5:20	5:27	5:50	7:17	8:26
Croydon	-	-	6:00	7:27	8:36
Ashfield	5:35	5:42	6:05	7:32	8:41
Summer Hill	-	6:12	7:39	8:48	8:53
Lewisham	5:48	5:55	6:18	7:45	8:54

Remember the dashes mean the train doesn't stop at that station

a   What time does the 10 to 6 train from Burwood arrive at Ashfield?   __6:05__

b   I have just missed the 5:35 train from Ashfield. How long do I have to wait until the next train?   __7 mins__

c   I live in Croydon and I want to get to Lewisham by 6:30. Which train should I get?   __6:00__

My Maths - Thursday
Converting Units of Times

Today we are converting between units of time – seconds, minutes and hours.

Remember:

1 hour = 60 minutes   1 minute = 60 seconds

5 hours = 300 mins (60 mins x 5)

2 ½ hours = 150 mins (60 mins x 2 = 120   ½ hr = 30)

3 mins = 180 seconds (60 seconds x 3)

160 seconds = 2 hours and 40 mins (2 hours = 120 mins + 40 mins left over)

My Maths - Friday
Rounding to Nearest 10, 100, 1000, 10 000

Today we are rounding whole numbers to the nearest 10,100, 1000 and 10 000.

Rounding to the nearest 10

To round a number to the nearest 10, look at the units digit. If the units digit is **5 or more**, round **up**. If the units digit is **4 or less**, round **down**.

- The last digit in 356 is 6. So we round it up to 360.
- The last digit of 352 is 2. So we round it down to 350.
- 475 ends in a 5. We always round a 5 up. So 475 rounds up to 480.

Rounding to the nearest 100

To round a number to the nearest 100, look at the tens digit. If the tens digit is **5 or more**, round **up**. If the tens digit is **4 or less**, round **down**.

- The tens digit in 3281 is 8. So we round it up to 3300.
- The tens digit of 3216 is 1. So we round it down to 3200

Rounding to the nearest 1000

To round a number to the nearest 1000, look at the hundreds digit. If the hundreds digit is **5 or more**, round **up**. If the hundreds digit is **4 or less**, round **down**.

- The hundreds digit in 4559 is 5. So we round it up to 5000.
- The hundreds digit of 4295 is 2. So we round it down to 4000.

Rounding to the nearest 10,000

To round a number to the nearest 10,000 look at the thousands digit. If the thousands digit is **5 or more**, round **up**. If the thousands digit is **4 or less**, round **down.**

- The thousands digit in 18 346 is 8. So we round it up to 20,000
- The thousands digit in 12 346 is 2. So we round it down to 10,000

If you want to practise rounding – watch the video on this BBC website and try the interactive activities https://www.bbc.co.uk/bitesize/topics/zh8dmp3/articles/zpx2qty