

## Maths: 5<sup>th</sup>-8<sup>th</sup> May

### Topic: Time p.91-94

- Don't forget to spend a few minutes every day doing your daily mental maths **Week 31** (including problem solving and Friday Review).

*This week we will revise addition, subtraction, multiplication and division of hours and minutes. We must remember that when we are renaming hours as minutes, there are **60 minutes in an hour**. We will look at the relationship between time, speed and distance (eg. races, distance travelled by a vehicle etc.) and we will also learn about international time zones.*

<https://ie.ixl.com/math/class-6> This website has some very useful time activities. They are great for practicing time problems and learning about time zones. Time can be found near the bottom of the page, **W1-W7**.

Try out some of these fun and interesting time challenges: <https://nrich.maths.org/9027>

Parents, if your child is unsure of any of the tasks in maths this week please feel free to contact me or prioritise what activities you think they will benefit most from.

- **P.91 Q 1-7:** Watch this video clip to revise addition and subtraction of time: <https://www.youtube.com/watch?v=OnPuCgkc77E>. This will help you with Q2 a-c. I'll do an example of a multiplication and division sum to help you with Q2 d and e. I'll put both on the blog for you.
- **P.92 Q 1-11:** Have a go at these problems. Just do your best. Remember some problems may have more than one operation.
- **P.93 Q 1-7, Q9-13:** Please read the example box at the top of the page carefully. Always remember-there are 60 minutes in an hour. So if I travelled 10km in 15 minutes, I would travel 40km in an hour because there are four 15minute intervals in one hour ( $4 \times 10\text{km}=40\text{km}$ ). Hopefully we might get to try out Q8 together before too long! Or maybe you could try it out with some family members as part of your Daily Mile practice!
- **P.94 Q1-8:** Again, make sure to read the example box at the top of the page. Ireland's time zone is the same as Greenwich Mean Time.

Make sure you start with mental maths each day. Just do your best and don't worry if you do not get all of the activities finished. Don't forget to correct the answers to Mathemagic & Mental Maths as they appear on the blog.

**Here's a little fun family challenge! You will need a measuring instrument. In school we would use a metre stick or a trundle wheel but a measuring tape might work?**

1. Place a mark on the ground to indicate your starting point.
2. Get someone to time you walking in a straight line for one minute.
3. Measure the distance you have walked.
4. Multiply this number by 60 to get the distance if you had walked for an hour and then divide by 1000 to find your speed in kph (kilometres per hour). Give everyone else a go & see who is the fastest walker in your family!

Eg. 85m in one minute

$$60 \times 85 = 5100$$

$$5100 \text{ divided by } 1000 = 5.1\text{kph}$$

