

## Year 4 Maths Week Beginning 1<sup>st</sup> June

Hi Year 4,

Over the next week, you will be covering a range of lessons on time. You will start off with a recap from Y3, looking at hours, minutes and seconds and then move onto days, weeks, month and years. You will do some practise of telling the time both analogue (a clock face with hands) and digital and begin converting between different units of time. Throughout the week, you will be doing some fluency but also problem solving and reasoning too.

This is a tricky part of maths for many children and the difference between those who can read time and those who struggle to learn can be vast. There will be levels of differentiation each day, focussed around the same objective. In addition to this, there will also be an extra challenge for those children who have already learned to tell the time. Some of the extra challenge tasks are extra tricky.

All resources are attached to the blog post. Parents - we have included answers too.

There are a few quizzes/games on twinkl go. If you search twinkl go, you should find a login page. The pin code for each day will be in the instructions.

### **Monday**

Starter – Have a go at day 1 of the Starter PowerPoint and then move on to today's main lesson.

#### **L.O: To use knowledge of hours, minutes and seconds to solve problems**

Today you are going to be revising what you learned in Year 3 about hours, minutes and seconds.

1. Begin by completing Activity 1 – outlined below.

Make a fact sheet or poster for yourself, including the information below:

- I. How many seconds there are in a minute.
- II. How many minutes there are in an hour.
- III. How many hours there are in a day, 2 days, 3 days etc, up to 10 days.

When you have done that, put the list where you can see it and keep referring back to it whilst you do the next activity. You will be adding to this tomorrow. If you need a reminder, click on the link to see a short clip.

<https://youtu.be/gEStq1e1Qrc>

2. Complete Activity 2 - Hours, minutes and seconds. When you have finished, ask an adult to mark it for you, using the answer sheet.

3. Now practise your time telling skills on Twinkl go . use the multiple choice quiz. The pin is QV5602

4. For those who would like an **extra challenge**, use the 'Hours, Minutes and Seconds' PowerPoint. Go through the diving, deeper and deepest slides and then choose one of the Diving challenges, depending on your level of confidence. You could try all 3 if you wish!

### **Tuesday**

#### **L.O: to use knowledge of years, months, weeks and days to solve problems.**

Starter – Have a go at day 2 of the starter PowerPoint before moving on to today's main lesson.

1. Activity 1 is to add more information onto your fact sheet/poster from yesterday. You are going to remind yourself of what you learned in Y3 about years, months, weeks and days. This should include at least, the information below:

- I. How many days in a week, 2 weeks, 3 weeks, 4 weeks, a month, a year, a leap year.
- II. How many weeks in a month, 2 months, 3 months, 4 months, a year.
- III. How many months there are in a year and how many days there are in each month.

When you have finished this, put it where you can see it.

2. Now complete Activity 2, using your fact sheet/poster to help. When you have finished, ask an adult to check it, using the answer sheet.

3. For those who would like an extra challenge, go through the Tuesday extra challenge PowerPoint and then choose a worksheet to do, either diving, deeper or deepest, depending on how confident you feel.

4. Try the quiz at the end of the PowerPoint

5. Sign in to Twinkl go to try a multiple choice quiz and wordsearch. The pin is PY0893.

### **Wednesday**

Starter – Have a go at day 3 of the Starter PowerPoint before moving on to today's tasks.

**L.O: to tell the time in minute intervals. (It may be useful to have a clock or watch with hands, to look at and to practise setting the time.)**

- 1) Begin with Activity 1. Cut up the time dominoes and try to match the clocks to the time written in numbers and words. You can play this alone as a matching game or with someone else as a game of dominoes.
- 2) Work your way through the PowerPoint, stopping when you need to, in order to work out the answers.
- 3) When you have worked through to slide 24, you will complete Activity 2. Choose the sheet you want to complete. 1 star is the easiest – try to challenge yourself if you feel confident.
- 4) Ask an adult to take a look at your work and mark it, using the mark sheet.
- 5) Finish going through the PowerPoint.
- 6) If you would like another challenge, have a go at Wonky watches, the extra challenge for today

### **Thursday**

Starter – Have a go at day 3 of the starter PowerPoint before moving on to today's main lesson.

**L.O: to convert 12 hour time from analogue to digital.**

- 1) Today you are going to be using your time skills to convert time from analogue (a clock face with hands) to digital.
- 2) Work your way through the PowerPoint, working out the answers as you go along. The answers will appear for each question.
- 3) When you have finished all the slides, you **must** do Activity 1 and then Activity 2.
- 4) There are 3 levels to both activities and you can decide whether you will do the 1 star, 2 star or 3 star sheet.
- 5) If you normally do the extra challenge sheet, you need to complete both Activity 1 and 2 before going on to try the extra challenge.
- 6) Sign in to Twinkl go and play the pairing game. The pin is EB8726

### **Friday**

Starter – Have a go at day 5 of the Starter PowerPoint before moving on to today's tasks.

**L.O: to use words and numbers when converting from 24 to 12 hr time.**

- 1) You will begin with converting digital times into words and numbers.
- 2) Then you will move on to learning the difference between 24 and 12 hour time and learn about a.m and p.m.
- 3) Work through the PowerPoint until it asks you to do Activity 1. Depending on how confident you feel, you can choose between 1,2 or 3 stars – or you could do all three.
- 4) When you have finished, ask an adult to check it for you whilst you move on to Activity 2.
- 5) Rewrite the paragraph, using words to replace any 24 hour times.
- 6) There is an extra challenge for those who wish to do it.