

KS1 Therapy: Y2 Maths

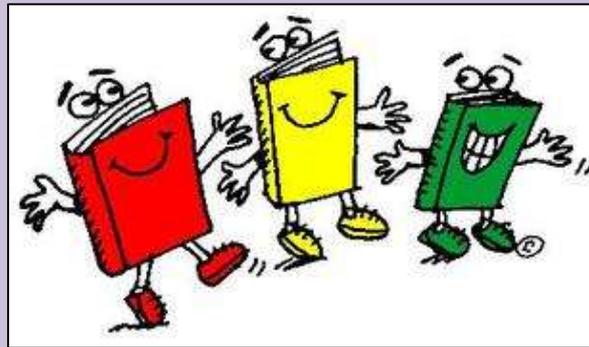
Commissioned by The PiXL Club Ltd.
March 2018

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M5j. Can tell the time on an analogue clock to five minutes.



= Teacher notes

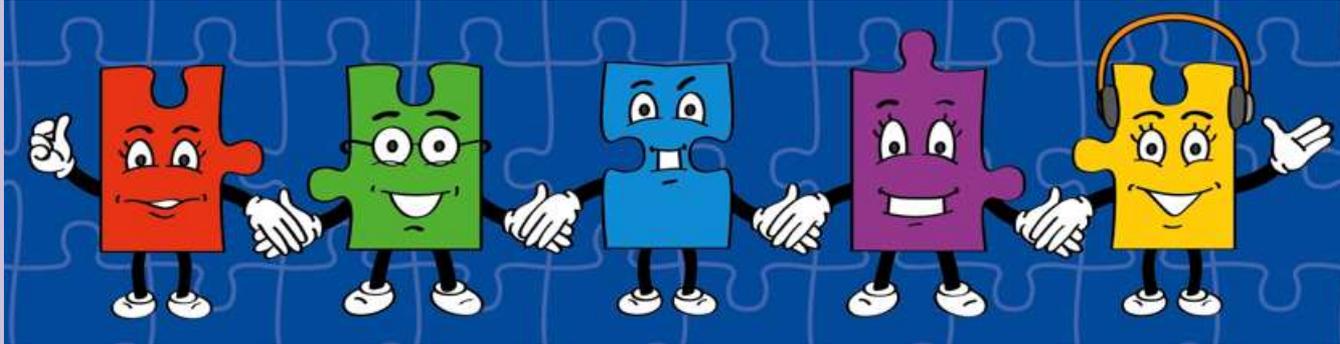


Teacher Information

This resource should be used to support Key Marginal pupils for whom you have completed a PLC. It is designed to be delivered as a teaching activity to a small group or individual in order to fill a gap in their understanding. There is no expectation to use the PowerPoint in its entirety. Choose the methods and resources that suit your school's approach to place value, counting and calculation.

Use of this resource should form part of normal, day-to-day teaching, as you would do with a guided teaching group. This teaching resource is based on the National Curriculum expectations for Key Stage 1, with a focus on the laser-sharp statements from the PiXL PLC.

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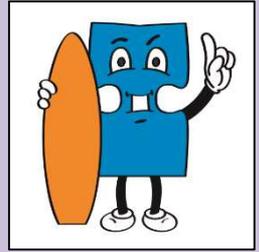
Our Primary Edge attributes help us to become better learners and today is no exception. Before you start this activity, here are some ideas for how you will need your **Raj Resilience** skills today:

- Persevere
- Sustain enthusiasm and effort
- Learn from our mistakes

Command Words:

Persevere Complete
Overcome Achieve
Sustain Undertake
Learn over time

Developing resilience skills



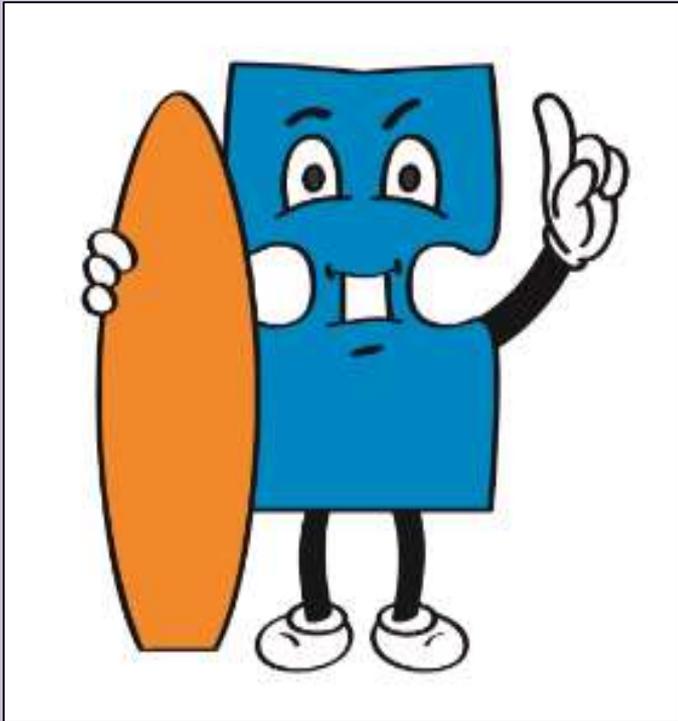
Use this activity to help children develop their resilience skills before you begin the therapy.

I went to the shops: The aim of this game is to remember as many of the items in the shopping basket as possible. The first player begins by saying, "I went to the shop and bought a ___," adding an item they would buy. For example, "I went to the shop and bought a pear." The next player in line continues with, "I went to the shop and bought a pear and a bag of crisps." Players continue to take turns. Any player who makes a mistake gets help from the group so the game can continue. See if children can aim to remember 10 items.



Did you keep giving 100% effort and enthusiasm?

What I will be looking for today



You will have lots of chances to demonstrate your resilience skills today. Here's what I'll be looking for:

- Stick at your activity, even when it gets tricky.
- Sustain enthusiasm and effort throughout the task.
- Learn from your mistakes and try again.



Teacher Information

Before attempting this therapy children should be confident in telling the time on an analogue clock for o'clock, half past, quarter past and quarter to. Complete therapy Y2 M5K first if not. For this therapy children will benefit from having access to clocks or diagrams of clock faces.



Telling the time

Reminder: What time is shown on these clocks?



Telling the time

When the minute hand is on the 12, 3, 6 or 9 we know it is either o'clock, quarter past, half past or quarter to.

On this clock the minute hand is pointing to the one. We need to work out how many minutes past this is.



Telling the time

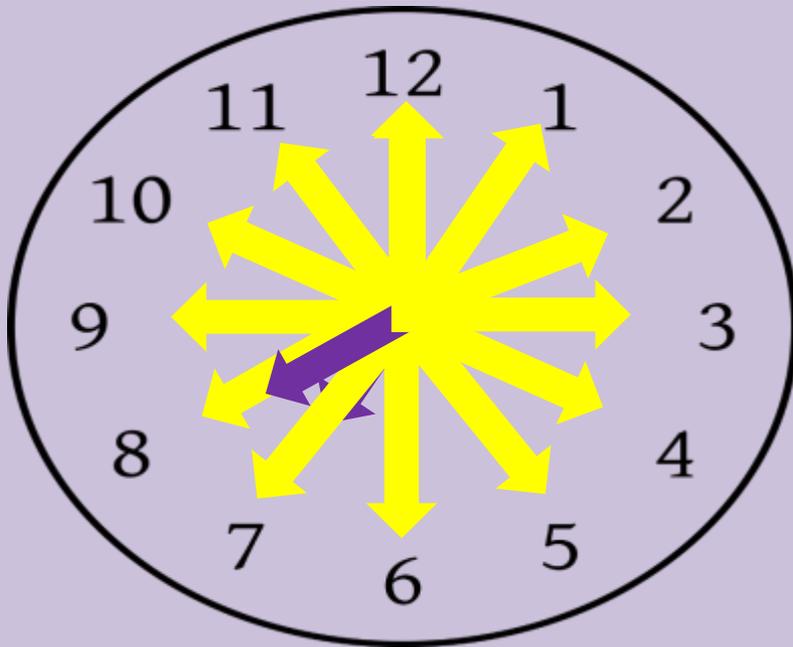
We know there are 60 minutes in one hour. We know that when the minute hand points to the twelve it is o'clock, the start of a new hour.

Each time the minute hand moves from one number to the next it is a five minute interval.



Telling the time

The minute hand will travel once round the clock every hour. Count in fives as the minute hand does around the clock.



It is 7 o'clock.

When the minute hand travels right round the clock it is 8 o'clock.

The hour hand moves to the next number each hour.

Practise

Now do that on your own clock. Put your finger on the 12 and count in fives until you get back to the 12. Did you get to 60 minutes? Some clocks have these minutes written on the face. On this clock they are the numbers in blue.



Telling the time

Let's go back to our clock with the minute hand pointing at the one. This means that five minutes have passed since the start of the hour. The hour hand is pointing to the 8.

The time on this clock is 5 minutes past 8.



Telling the time

On this clock the minute hand is pointing to the four.
Count in fives until you get to the 4. How many
minutes past 8 is it?

The time on this clock is 20 minutes past 8.



Practise

What is the time?



The minute hand is pointing to the 5, meaning 25 minutes past. The hour hand is pointing after the 8 so it is **25 minutes past 8**.

Practise

Read out different examples of five minute interval times between o'clock and half past. Have the children make that time on their clocks.



Telling the time

It gets a little trickier when the minute hand passes 'half past' because now we need to count the minutes to the next hour.



We need to count in fives from where the minute hand is pointing to the **12** to work out how many minutes to it is.

Telling the time

The minute hand is pointing to the 7 so we count in fives until we get to 12. It is 25 minutes. The hour hand is nearly on the 3. So the time is 25 minutes to 3.



Telling the time

Let's try this clock. The minute hand is pointing to the 11 and the hour hand is nearly on the three.



It is 5 minutes to 3.

Practise

What is the time?



It is 20 minutes to 3.

Practise

Read out half past times and have children make that time on their clocks. Next write the time in words and have them read the time and then make that time on their clocks. Mix in a few o'clock times.





Show Me Tasks

Once the therapy has been delivered you can use Show Me Tasks to demonstrate that the skill is now secure. They are not intended to be completed all at once and ideally should be done in intervals of a few days after the therapy has been delivered. The challenge in the tasks is progressive.

Show Me Tasks

M5j. Can tell the time on an analogue clock to five minutes.

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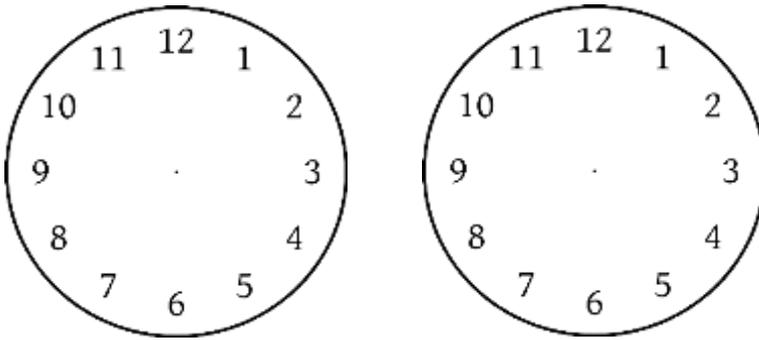
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Read the time on these clocks.



Draw the hands on these clocks to show two different times between quarter past 4 and quarter to 5.



Write the time you made under each clock.

Mrs Carter's watch is always twenty minutes fast. Look at the time on her watch. Can you work out what the real time is?



Tip: Write in the missing numbers on the watch face before you try to solve the problem. Or use a class clock and make the time shown on this watch.