

Juniper Class Maths Challenges – Spring Term

Can you recite your 3x, 4x, 8x tables of by heart? Can you recall your division facts?
Don't forget to use tt rockstars to help

Can you learn durations of time?

There are 60 seconds in a minute.

There are 60 minutes in an hour.

There are 24 hours in a day.

There are 7 days in a week.

There are 12 months in a year.

There are 365 days in a year.

There are 366 days in a leap year.

Number of days in each month

January	31	July	31
February	28/29	August	31
March	31	September	30
April	30	October	31
May	31	November	30
June	30	December	31

Learn this rhyme off by heart:

Thirty days hath September

April, June and November

All the rest have 31 except

For February who stands alone

With 28 and 29 in every leap year.

Top Tips

The secret to success is practising **little** and **often**. Use time wisely. Can you practise these while walking to school or during a car journey? You don't need to practise them all at once: perhaps you could have a fact of the day.

Use rhymes and memory games– The rhyme, *Thirty days hath September*, can help children remember which months have 30 days. There are poems describing the months of the year in order.

Use calendars – If you have a calendar for the new year, your child could be responsible for recording the birthdays of friends and family members in it. Your child could even make their own calendar.

How long is a minute? – Ask your child to sit with their eyes closed for exactly one minute while you time them. Can they guess the length of a minute? Carry out different activities for one minute. How many times can they jump in sixty seconds?

Can you tell the time using a clock with hands. This target can be broken down into several steps.

- ▶ I can tell the time to the nearest hour.
- ▶ I can tell the time to the nearest half hour.
- ▶ I can tell the time to the nearest quarter hour.
- ▶ I can tell the time to the nearest five minutes.

I can tell the time to the nearest minute

Measures

Can you follow a recipe that includes measuring things out?

Going Shopping When you are only buying a few things get your child to estimate how much the bill will come to. Afterwards you could also ask your child to do one or more of the following: I Find the total of three items and tell you the change from £5, £10. I Look at any reductions and talk about what the language means – 'buy one get one free'. I Change the values from £ to p and visaversa. Write these down. I Place the cost of six items in order, starting with the lowest. I Identify the coins that they have to use to pay for each item (fewest).