

March 2021 I hope you enjoy this latest set of challenge ideas. As always, for Essex send evidence of completed challenges to admin@essexchildrensuniversity.co.uk and for Suffolk to manager@suffolkchildrensuniversity.co.uk

Maths Magician Countdown

There is a programme on the television called Countdown, involving word & number tasks.



It would be a great idea to watch the programme to understand how it works.

Who knows our Challenge may help develop your skills and maybe appearance in a future episode!

Can you use these numbers

2, 5, 1, 8, 4, 1

To make this number

286

Can you use these numbers

75, 100, 25, 7, 4, 1

To make this number

101

Can you use these numbers

75, 100, 25, 6, 1, 8

To make this number

200

If you can't get to these numbers exactly, how close can you get?

[Submit a copy of your workings for each of the numbers for 1 hour of CU Learning](#)

Let's Get Baking Could you be the next Junior Baker?

I know how popular the baking challenges are. So, let's go savoury for this week's challenge and make some Cheese Straws.

This recipe comes from



You will need:

- 350g pack of ready-rolled puff pastry.
- Four handfuls of grated parmesan cheese.
- Handful of flour, to roll your pastry on.

Method:

1. Heat your oven to 200C/Gas 7
2. Unroll a sheet of the puff pastry
3. Scatter a couple of handfuls of the cheese over the top.
4. Fold in half
5. On a clean and lightly floured surface, roll out to the thickness of a £1 coin.
6. Cut into 1cm strips
7. Twist the strips 3 or 4 times
8. Lay them on a baking sheet
9. Scatter over more cheese
10. Bake in the oven for around 12 minutes or until golden.
11. Leave to cool

Enjoy!



[1 hour of CU Learning](#)

Dr Jo Science

The Dr Jo Science activities are very popular and Dr Jo has been busy creating lots more so you can collect more of her Learning Stamps.

Hand Grab – pattern seeking

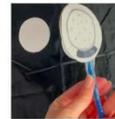


Do bigger hands hold more?

- You will need a few members of your household to do this, or ask friends and family to take part and send you their results!
- Measure your hand span (distance from little finger to thumb with hand outstretched)
 - Have a bowl of beads or sweets or lego blocks etc
 - Put your hand in and grab as many as will fit in your hand
 - Do not scoop or turn your hand over, just grab like a claw grabber
 - Remember: It's an investigation, not a competition!

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Optical Illusion Thaumatrope



- Take two circles of card
- Draw part of a picture of one, and the other part on the other
- You could try: snow globe and penguin, Father Christmas and hat, Christmas tree and star
- Stick back to back on a pencil
- Twizzle the pencil between your hands
- Your brain is confused by the rapid images and you 'see' both images at the same time so it looks like the penguin is in the globe

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[1 hour of CU Learning for each upon evidence of completion](#)

RSPB Wild Challenge Rub, Rub

Have you tried bark rubbing? Use a light-coloured sheet of paper, hold it against the tree trunk and rub a Crayon over it.

Watch the pattern of the bark come through as you rub.

You can try this with leaves too

You'll need to put your leaf down on a flat surface before you start rubbing.

Choose the perfect tree with lots of texture, for best results

[1 hour of CU Learning](#)