

Essex Children's University & Suffolk Children's University

Autumn Challenge

Complete your challenge and take the evidence into your school for CU Learning Credits to be awarded.

Alternatively email your evidence to admin@essexchildrensuniversity.co.uk or manager@suffolkchildrensuniversity.co.uk

Autumn Rainbow

The Autumn is one of the most beautiful times of year. Nature thrills us with beauty.

On a walk with your family, see if you can find the colours of the Rainbow.

Here's one a friend of mine did and it gave me the idea.

Can you label and identify the plant name of each colour you add to your Rainbow?



Send us a photo of your rainbow and list as many of the plant names as you can
1 hour of CU Learning

Conker Creatures

On your walk you might find some Conkers. Make your own family of Conker Creatures and write a short story about them!



30 minutes of CU Learning

Pumpkin Maths and other things....



If you have a pumpkin at home, we'd like you to:

- Record its statistics:
- Height
 - Circumference
 - Mass
 - Volume
 - Density
- Draw a pumpkin and label its parts. We think you can add 7 labels.
 - Put your hand inside the Pumpkin and close your eyes. Describe, as imaginatively as you can what you can feel.

1 hour of CU Learning on submission of your Pumpkin facts.

Hedgehog Rolls



There are some great recipes for Hedgehog Rolls out there. Bake a batch of Hedgehog Rolls and be sure to send us a picture of your baked delights to receive your Learning Stamp

1 hour of CU Learning

How many words....



How many different words can you make from Mary Poppins' famous phrase?

supercalifragilisticexpialidocious

What do you think it means?

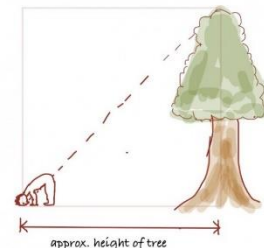
1 hour of CU Learning on submission of your list of words and what your interpretation of the meaning of **supercalifragilisticexpialidocious**

How tall are the trees?

There's an easy way to estimate how tall a tree is, and we thought it would be fun for you to try.

It's only an estimate but uses trigonometry

- Find a tree
- Bend over and see if you can see the top of the tree.
- If you can't see the top move further away until you can.
- When you can see the top of the tree you are as far away from it as its height.



What does trigonometry mean? How did the word originate? How else is trigonometry used?

1 hour of CU Learning on submission of your findings and explanation of the word Trigonometry and it's uses.