

DEVON & CORNWALL CHILDREN'S UNIVERSITY NEWSLETTER



Now the clocks have gone forward and the evenings are warmer and lighter there are lots you can do. Lets celebrate the longer days by finding lots more **activities** and **events** to get involved in

Things to do in spring.....

- ◇ *Fly a kite*
- ◇ *Look for four –leaf clovers*
- ◇ *Blow Bubbles*
- ◇ *Climb a tree*
- ◇ *Feed the ducks at the pond*
- ◇ *Find the first crocuses and snowdrops*
- ◇ *Have a picnic in the park*
- ◇ *Notice trees budding*
- ◇ *Spot a rainbow*
- ◇ *Find a new club to join .Head to the back of this Newsletter to find out some events taking place this month*

We've been busy here at Plymouth and Devon Children's University putting together some really exciting workshops for you to attend and come and see what a real University looks like. Here is just some of what's been happening:

- ⇒ Mathematics with Bubbles
- ⇒ Teddy Bear Hospital Workshop
- ⇒ Medical and Dental Workshop
- ⇒ Rake and Take—Drakes Garden Clean
- ⇒ LABplus Workshops
- ⇒ Robotics Workshop
- ⇒ All can be seen on our events page

www.plym.ac.uk/childrens-university

What have you been up to?

We are always looking out for new learning destinations to add to our list. If you have been involved in any activities or projects that you think deserve to be part of Children's University, then please let us know by emailing us at: **devoncu@plymouth.ac.uk**

Send in news, pictures or art-work showing how well our students are doing. We can put them in our newsletter to celebrate their achievements.



Mathematics with Bubbles

Soap films and bubbles are beautiful but, surprisingly, they can also be used to solve problems that occur in nature, science and modern technology.

Over **400 children** attended a **lecture** at Plymouth University based on understanding why bubbles are round. The talk explored regular shapes, modern architecture, how whales hunt and the shortest ways to connect points.



How to Make your own super strong bubble mixture

Ingredients:

500g sugar

0.75 litres of good washing up liquid (fairy liquid works well)

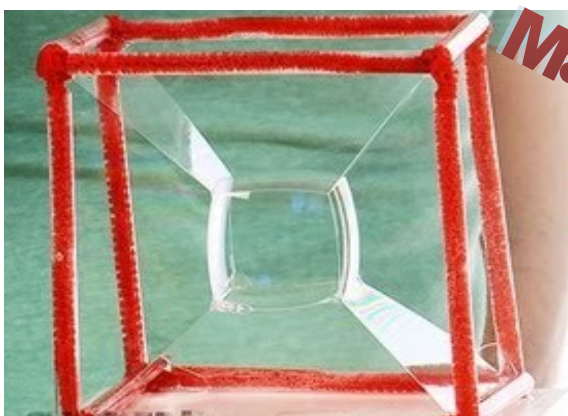
60 ml of glycerine (get it at the chemists)

water

patience

Instructions:

First make a sugar solution by dissolving 500g sugar in 1 litre of warm water. Then mix 0.75 litres of washing up liquid with 1 litre of water. Finally the sugar and soap solutions are mixed with 60 ml of glycerine and 5 litres of water. Use patience by leaving it overnight to mix – **this makes a big difference**. Careful – it's sticky stuff!



Make your own
SQUARE
BUBBLE

MATHEMATICS WITH PLYMOUTH UNIVERSITY

Watch a classic cubic soap bubble demonstration at
<https://www.youtube.com/watch?v=z7efnx5251Y>

Graduation

We are in full swing preparing for the event of the year

THE CU GRADUATION CEREMONY

With big plans for this event, make sure you keep working towards the **Gold Awards, Certificates, Diplomas and Degrees** as quickly as you can to make sure you are invited!

Gold Awards

100 hours Undergraduate Award
200 hours Undergraduate Certificate
300 hours Undergraduate Diploma
400 hours Undergraduate Degree
500 hours Post Grad Award
600 hours Post Grad Certificate
700 hours Post Grad Diploma
800 hours Post Grad Masters Degree
900 hours Doctorate
1000 hours Fellowship



We have some great, new learning destinations that have been validated:

- ◆ Surf Action, Penzance Cornwall
- ◆ Trio Academy, Performance School, Newquay, Cornwall
- ◆ Hall For Cornwall, Theatre
- ◆ Screech Own Sanctuary, St Columb, Cornwall
- ◆ West Coast Academy, Redruth
- ◆ Princess Pavilion & Gyllyngdune Gardens
- ◆ Falmouth Art Gallery and Falmouth Library
- ◆ Sheer Dance School, Bodmin
- ◆ Polzeath Marine Conservation Group
- Okehampton Argyle Youth Football Club
- Petroc College, Barnstaple— Indoor Climbing