

January 2021: Challenge Sheet 3: I've looked far and wide for this week's Challenges and have taken inspiration from some of our learning destinations and CU Managers across the UK.

For Essex send evidence of completed Challenges to admin@essexchildrensuniversity.co.uk and for Suffolk to manager@suffolkchildrensuniversity.co.uk

Set me a Braille Challenge

I have really enjoyed seeing so many complete the braille challenge which appeared on the last challenge sheet. For this challenge I would like you to send me a message in braille for me to read and reply with my answers.

Email a copy of your braille sentences to me. Please create at least 5 sentences.

1 hour of CU Learning

Complete a Children's University Club Challenge

Our Children's University Club Challenges have something to interest everybody, we hope.

Including:

- Fantastic Fingerprints
- Shadow Drawing
- Harry Potter Challenge
 - Gravity
 - Guide Dogs
 - Camera Tricks
 - Coding
 - Earth Poems

1 hour of CU Learning

All these challenges on this link

Dr Jo Science

Frost, freezing, snow and ice

Investigate freezing points.

Freeze a bubble!

Make frosty snow

Freezing and melting.

No snow? Make your own.

indoor fizzy bath bombs.

1 hour of CU Learning

All the instructions on this link.

Thank you to Children's University Scotland

Great ideas!

1 hour of CU Learning for each activity

Moiré Effect

Draw a pattern of lines or dots on paper.

Copy the pattern exactly on some clear plastic, then put the plastic on top of the paper so the colors match up.

Now slowly turn the plastic layer.

What do you see?

You will need: Paper, clear plastic (recycled bottle) scissors and pens.

Flea Circus

A flea circus was a popular street show in the 1800s.

It was easy to fool the crowd!

Build your own mini circus where tiny imaginary bugs are the big stars!

Add moving parts for extra showbiz sparkle.

You will need: Cardboard, pens, crayons, pencils and paints.



To help your learners visualize a mini circus, David Attenborough has it covered. **Follow this You Tube link!** **To Natural Curiosities, The Flea Circus.**