

# Essex Children's University & Suffolk Children's University

Special Bumper Challenge March to April 2020

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](mailto:admin@essexchildrensuniversity.co.uk) or

[manager@suffolkchildrensuniversity.co.uk](mailto:manager@suffolkchildrensuniversity.co.uk)

This challenge has been created with ideas shared across the Children's University Network

#actofkindness #network #challenge

## Space Challenge

### Create a new planet

Science, nature and the environment  
Create a new planet. Think about all the things that your new planet will have. How does it support life? How many days are there in a year? What grows on your planet? Who lives on your planet and how and what do they eat? Your imagination is endless. Create a list of facts, pictures and diagrams.

1 hour of CU Learning on submission of your facts, diagrams and pictures.

### My community....

#### What's special about where you live?

Find out as many facts as you can about the community where you live.

1. Do you live in a village, a town or a city?
2. How many people live there?
3. What is it well known for?
4. Do any famous people come from your community?
5. What facilities does it have, shops, library, café, museum, anything else?
6. What's your favourite thing about living there?
7. What's one thing you would like to change?
8. How would you encourage other people to visit?

Create a promotional video, fact sheet or write an article or blog.

1 hour of CU Learning on submission of your community facts and promotional article

## Computer Games Design

### Environmental Challenge

Design a computer game based on improving the environment of our planet.

Who are your main characters?  
What's the storyline?  
What age group is the game for?  
What key messages would you like to be learnt?

Create a storyboard of how your game will be played.

1 hour of CU Learning on submission of your storyboard

### Opportunities for learning, educational and fun

At Children's University we normally validate activities before offering them to our CU Learners as Learning Destinations. There are, however, lots of organisations offering links to educational resources and we are able to award Learning Stamps for completion of these activities.

To be able to receive the Learning Stamps we will need your learner to complete a self-reflection sheet and return it to us.

[Here's the link to what's included](#), including the self-reflection sheet.

Please return your self-reflection sheet to [contactus@childrensuniversity.co.uk](mailto:contactus@childrensuniversity.co.uk)

UK

I'd love to see a copy too!

## Stroop Effect

Make some flash cards each with the name of a colour written on it, but using a different coloured pen for each word. For example pink written with a blue pen.

Ask someone to tell you the word on each one and then do it again asking them to tell you the colour.

Which one did they find the most difficult?

When our minds play tricks on us like this it's called the Stroop Effect.

PINK	YELLOW	ORANGE
RED	GREEN	BLUE
PURPLE	BLACK	BROWN

Record your findings and let us have a short report, you could use a table or list your findings  
1 hour of CU Learning on submission

### Drawing reality

In art it is very important to practice drawing and especially drawing from real life objects.

Collect 5 to 10 objects that mean something to you.

Place them on a table in front of where you are going to draw them.

Think about the arrangement of the objects. Are you happy with the layout?

### Drawing reality ...continued

Using a pencil only, think about how you can use shading to create the light and dark areas on your object.

1 hour of CU Learning on submission

### Invent a Sport – Creative Thinking and Problem Solving

1. Explain the new sport.
2. Write out the rules, think about scoring.
3. Draw diagrams of the layout of the new sport.
4. Explain the kit required for the sport.

1 hour of CU Learning on submission

### Build a Columbus cube tower

Research what a Columbus Cube Tower is.

Here's how to make the cubes:

[https://www.youtube.com/watch?v=ZC7Z\\_vUCbh4](https://www.youtube.com/watch?v=ZC7Z_vUCbh4)

Take a picture / video of your tallest tower.

1 hour of CU Learning on submission of your research findings and finished Columbus Cube Tower.



### How many voices?

Read aloud to a family member, trying out as many different voices as you can!

1. How many voices did you use?
2. How many characters were there in your book?
3. Who was your favourite character?
4. Which was your favourite voice?
5. Record your story and make your very own audio book and share it with a friend to enjoy.

1 hour of CU Learning on submission of a reflection sheet

### Favourite Characters

Pick one of your favourite characters from your favourite book.

Imagine, what would their house be like?

Draw some pictures of their house:

What food would they have on their dinner table?

What pictures would be hanging on the wall?

What would their garden be like and

what clothes would they have in their wardrobe?

1 hour of CU Learning on submission of a reflection sheet

### Store Cupboard Surprise!

With the help of a family member, take a look at what you have in your food cupboard and design a meal based around what ingredients you already have.

What will be your Store Cupboard Surprise?

1 hour of CU Learning on submission of your menu and a picture

### Build an earthworm hotel

Earthworms are great for the garden.

Make an earthworm hotel by filling a 2 litre plastic bottle with layers of sand, dirt and leaf litter with some water for moisture.

Dig in your garden to find some earthworms to add and see what they do, recording a log of their activities.

1 hour of learning on submission of photos, your log and a Challenge record sheet.



Keep an eye on the website for other challenges which can be completed. We will be updating with other suggestions over time.