

# THE HIVE'S CHILDREN'S UNIVERSITY CLUB

FEBRUARY 2021

## SCIENCE

CU Learning Provider: PSTT

Family Fun

Try out these fun Science activities at home.

### Starters for Science

Starters for Science is a series of five-minute videos created to support children to get started with practical science enquiry.

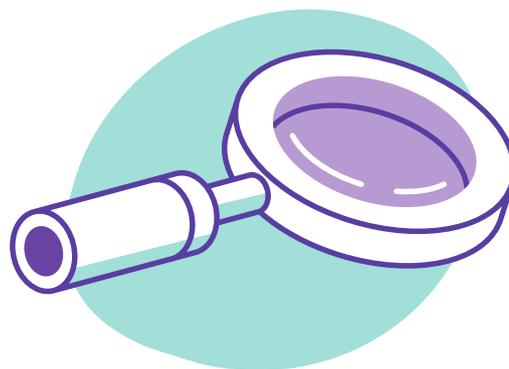
They require minimal resources and can be used in school or at home.

Each video includes:

- A question or scenario related to the real world
- Time for children to think about what they already know
- A demonstration of a starter practical activity
- Time for children to think of their own questions
- Ideas about what they could find out for themselves
- Encouragement to share what they found with others

The videos are designed to get children doing some simple practical science experiments and are not age specific. They are intended to give children valuable practical experiences that they will then be able to draw on once they meet the relevant concepts in a more formal learning situation.

[Link to videos here](#)



## SCIENCE

### Starters for Science Videos

#### 1. PAPER TOWERS

Explore and make different shaped towers with Alex Farrer

[WATCH VIDEO](#)

#### 2. STRAW PLANES

Take flight by building straw planes with Tom Jones

[WATCH VIDEO](#)

#### 3. PAPER FLOWERS

Investigate absorbency and paper with Vanessa Seehra

[WATCH VIDEO](#)

#### 4. SHADOW PUPPETS

Change and measure shadow size and shape with Katharine Pemberton.

[WATCH VIDEO](#)

<https://pstt.org.uk/resources/curriculum-materials/Starters-for-Science>



When you complete an activity don't forget to write it down in your **CU Club Record Sheet** and take a photo of what you did. Email it to us to receive your CU code,

**1 credit awarded for each completed activity**

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## ART

CU Learning Provider:  
Southampton City Art Gallery.

Southampton City Art Gallery have put together some great online resources:

<https://www.southamptoncityartgallery.com/resources/>

### LET'S MAKE A... LEARNING VIDEOS AND RESOURCES

Providing information sheets with full instructions together with a video to show you how to make a variety of things:

Let's Make a  
(Burne-Jones inspired) Medusa Cress Head:

[Instruction leaflet](#)  
[Watch How to Video](#)



Let's Make a  
(Burne-Jones inspired) Sea Monster:

[Instruction Leaflet](#)  
[Watch Video](#)



## ART

### LET'S MAKE A... LEARNING VIDEOS AND RESOURCES

Let's Make a Dream Catcher

[Instruction Leaflet](#)  
[Watch Video](#)



Let's Make a Yeti with Liza Morgan

[Instruction Leaflet](#)  
[Watch Video](#)

Let's Make a Figure with Liza Morgan

[Instruction Leaflet](#)  
[Watch Video](#)

Let's Make a Garden with Liza Morgan

[Instruction Leaflet](#)  
[Watch Video](#)



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### HISTORY

CU Learning Provider: English Heritage

Most English Heritage sites are closed at the moment but you can still travel back in time and have fun with history - go on an animated journey through the story of England.

We have selected some short videos which we think are fun. They are all about 2 to 3 minutes long. Once you have watched a video we would like you to draw a picture or make a model and include some key facts that you found interesting.



#### STONEHENGE

[How Was Stonehenge Created?](#)

#### HADRIAN'S WALL

[Why Was Hadrian's Wall Built?](#)

#### MEDIEVAL HISTORY



[A Mini Guide to Medieval Castles](#)

[What was Medieval Medicine Like?](#)



### NATURE AND THE ENVIRONMENT

CU Learning Provider: Forestry England

#### Forest Bathing from Home

Taking time to encourage children to use mindfulness is beneficial for their health and wellbeing. But how do we achieve this when we are staying at home?

Download our forest bathing activity sheet, find a quiet spot where they feel safe and relaxed and start practicing the art of forest bathing!

[Forest Bathing Activity Sheet](#)

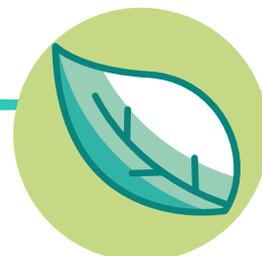
#### Become a Tree Explorer

Download your own Tree Explorer activity pack to learn all about our forests, and the role we play in caring for them.

This pack is designed to be used at home, in the forest, or anywhere else you'd like to learn. [Download Pack](#)

What's inside?

- Leaf-tastic leaves: Learn to identify a tree by its leaf shape
- Leaf rubbing: Make your own with paper, crayons and leaves
- Be a wildlife ranger: Discover how many creatures call trees their home
- Be a forester: Learn how to calculate the age and size of a tree
- Be a tree scientist: Experiment, and have a go at growing your own tree!



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### TECHNOLOGY

#### CU Learning Provider - Tech for Tuesdays

##### Tech for Food

Watch this lesson to find out how technology is being used to grow, produce, package, cook and serve food. Hear about the kinds of future jobs you could have working with this type of tech.

If you are up for a creative challenge, then you could bake or cook your own piece of technology themed food.

<https://techwecan.org/tech-for-food/>

Parents or teachers will need to register on TechWeCan for FREE.

Once registered, they will have access to all existing and future resources on the site.

##### Getting started

*If you're a parent or carer looking at home schooling in this uncertain time and would like to teach our 'Tech We Can' lesson plans we appreciate you may need some extra guidance. Please watch our video below for some extra guidance on how these plans can be used at home, and refer to our handy Parents FAQs for any questions. You have 3 options given to you, low tech, mid tech and full tech.*

**Low Tech:** if you have access to the internet but no iPads or tablets

**Mid Tech:** if you have an iPad purchased more than 3 years ago

**Full Tech:** if you have access to an iPad or tablet purchased in the last 3 years



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### FAMILY FUN

#### CU Learning Provider: Pawprint Challenges

##### Pawprint Challenge -Pancake Day - The Yolker

(Pancake Day 16th February 2021)

The Yolker is here...The superhero egg to save Pancake Day!

The Yolker's expansion pack is here to bring you even more Pancake Day fun all themed around eggs...get ready for a cracking adventure!

[Pancake Challenge Pack](#)

##### Ball Sports Challenge

Ready to get active and collect them all? On Your Marks...Get Set...Go! Sports are one of the best ways to get active and keep fit and there are SO many sports to try. The associated challenge pack contains over 100 activity ideas to get you enjoying a range of sports.

[Ball Sports Challenge Pack](#)



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## FAMILY FUN

CU Learning Provider: The National Trust

### Inspiration for winter fun at home

The Peter Rabbit™ winter adventure trails have ended at the places we care for, but these packs are great for a mini adventure every day of the week. At home, you can create a winter decoration, colour in wintry scenes and cook up some heart warming recipes. Learn more about nature and be inspired by the natural world with these fun activity packs.

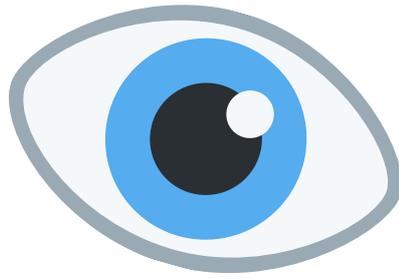
[Activity pack one: Peter Rabbit and Mrs. Tiggy-Winkle](#)

[Activity pack two: Squirrel Nutkin and Mr. McGregor](#)

[Activity pack three: Flopsy, Mopsy and Cotton-Tail and Jemima Puddle-Duck](#)

[Activity pack four: Benjamin Bunny and Snow Rabbit](#)

[Activity pack five: Mrs. Tittlemouse and Mr. Jeremy Fisher](#)



## HEALTH WORKSHOPS

CU Learning Provider: Eye Heroes

**Become an Eye Hero**

<https://www.childrensuniversity.co.uk/activities/7806>

You brush your teeth every day to take care of them, but what do you do for your eyes? These free interactive workshops train children to become eye health champions and inform people about the importance of regular eye tests in preventing sight loss. Children can participate in these live events from home.

The Eye Heroes programme:

- shares essential information about eye care
- boosts child confidence
- includes games, videos, role play and more
- is suitable for children aged 8-12 years old

[Sun 7 Feb 2021 10:00 GMT](#)  
[Becoming an Eye Hero - Workshop 1](#)

[Sun 7 Mar 2021 11:00 GMT](#)  
[Becoming an Eye Hero - Workshop 2](#)

You must book your FREE tickets



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