

March 2024



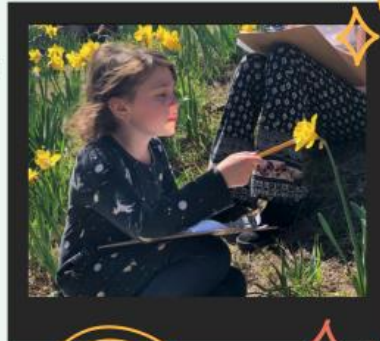
ESSEX & SUFFOLK CHILDREN'S UNIVERSITY CHALLENGES

Welcome to the Easter Holiday Challenge Sheet! As March brings Easter and the start of spring, we're excited to offer a bunch of fun challenges for you to try alone or with your family and friends.

From exploring cool science experiments to getting creative with art, there's something for everyone as nature starts to wake up.

Ready to show off your awesome achievements? Do the fun challenges from Children's University and tell your school about it to get your Children's University Learning Stamps. We'd love to see your work too, so email us using the contact details below.

Let's have some Easter and springtime fun with learning!



Spring is in the air!



1 x Learning Stamp

Spring's arrival is a joy best enjoyed outdoors. Take a moment to step outside and soak in the sights and sounds of the season, whether you're in a local park, nature reserve, or your own garden. Stand quietly, listening to the birdsong and rustling leaves. Then, armed with a sketchpad or journal, capture five signs of spring through quick sketches or notes. Whether it's the first blooms on a tree or the playful antics of newborn animals, each observation tells a tale of spring's arrival. If you have a camera or smartphone, snap some photos to create a mini-documentary of your springtime discoveries. Enjoy the beauty of nature and reflect on the changing season.



Essex Libraries Poetry Competition



2 x Learning Stamps

Take part in an exciting children's poetry competition this spring, hosted by Essex Libraries from March 25th to April 20th!

The theme of the competition is 'protecting nature', inspired by Chelmsford Museum's latest exhibition, 'Restless Brilliance: The story of J.A. Baker and The Peregrine'. Explore the exhibition for inspiration!

Children of all ages can participate in one of three categories: under 6, 7 to 12, and 13 to 18. Poems must revolve around the theme of 'protecting nature'. Winners will receive fantastic prizes courtesy of Chelmsford Museum, and their entries will be showcased on their social media platforms!

Submit your entries by April 20th at one of the participating libraries or Chelmsford Museum: Broomfield, Chelmsford, Danbury, Galleywood, Great Baddow, North Melbourne, South Woodham Ferrers, Springfield, Stock or Writtle. [Visit here](#) for more information.

Let your creativity flourish and be part of our celebration of nature through poetry!

Don't forget to use your World Book Day Token



You have until 31st March to use your £1 World Book Day token. You can swap your £1 token for any of the £1 books or get £1 off a full price title, any full price book. Information about how to use your token can be found [here](#).

The Easter Holidays is the perfect time to get stuck into a new book. Finish the book and describe what it was about to an adult or teacher, what you liked or didn't like.

2 x Learning Stamps

Get Baking!



No Easter celebration is complete without a sweet treat or two! Dive into the world of baking with plenty of brilliant recipes waiting for you to explore online. We've discovered a delightful one on the [CBBC website](#) for making a broody hen cake this Easter. Once you've finished baking, don't forget to snap a picture. We'd love to see your masterpiece!

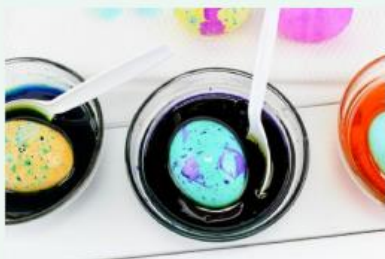
Egg-cellent Science Experiments



Testing the strength of egg shells...

Get ready for an egg-citing STEM experiment to test the strength of eggshells! Follow the steps to stack items and see how much weight eggs can hold. Remember to document your findings with notes or photos as you go. Let's explore the science behind eggshell strength!

1. Prepare your eggs by placing plastic bottle caps on both the top and bottom to prevent rolling.
2. Test the strength of one egg by gradually stacking heavy items on top. Optionally, weigh the items and record the weight.
3. Arrange three eggs in a triangle shape and ensure they each have caps.
4. Start stacking books on top of the three eggs, using cardboard as a barrier if needed.
5. Experiment with the eggs' strength by testing how much water they can hold. Use a piece of cardboard to keep the container level and gradually fill it with water.



Marbled Eggs...

Let's make beautiful marbled Easter eggs! Gather your materials: hard-boiled eggs, oil (any type will do), food coloring in assorted colours, vinegar, water, plastic cups, small bowls, and paper towels for a clean workspace. Follow these simple steps:

1. Prepare the dye: In plastic cups, mix 1 cup of very hot water with 3-4 drops of food coloring and 1 tsp of vinegar. Repeat for each colour.
2. Dye the eggs: Place eggs in the colored water and let them sit for about 3 minutes. Then, remove them and set them on paper towels to dry.
3. Create the marble effect: Fill small bowls with about 1 inch of water, ensuring only half of the egg will be submerged. Add 1 tbsp of oil and 6-8 drops of food coloring to each bowl.
4. Marbleize the eggs: Place one egg in each bowl. Spoon the water-oil mixture over the eggs and let them sit for 3-4 minutes. Roll the eggs over and repeat the process.
5. Dry and display: Remove the eggs from the bowls and lay them on paper towels. Allow them to dry for a few minutes, then wipe off any excess oil with additional paper towels. Now, admire your beautiful marbled Easter eggs!



Egg Catapult...

Ever wondered how a catapult works? Start by testing different-sized plastic eggs or you could use lego pieces instead to determine which ones will fly the farthest. This presents a perfect opportunity to make predictions and record your findings.

1. Stack 8 lolly pop sticks together. You could also use wooden takeaway knives.
2. Insert one lolly pop stick into the stack, resting on the top of the bottom last stick. Just a small portion of the stick should protrude through.
3. Tightly wind rubber bands around either end of your stack.
4. Place the last lolly pop stick on top of the stack in the same position as the stick that you have already inserted. You could attach a plastic or wooden spoon here to support your egg.

Visit a Local Children's University Learning Destination

Looking for a fun and educational activity this Easter Holiday? Explore Children's University Learning Destinations near you! From museums to parks, there's something for everyone. Grab your family and embark on a journey of discovery outside the classroom. Find your next adventure at the Children's University website today!

<https://www.childrensuniversity.co.uk/activity-search/>



International Women's Day

Celebrate International Women's Day, which was on the 8th of March, by completing a word search puzzle! Find 15 words honoring amazing women and their achievements. Search for words like "struggle" and "peace" to celebrate the remarkable contributions of women around the world. Happy searching!

There are 15 vocabulary words for you to find hidden in the grid.

Y	P	J	F	A	K	M	G	Z	N	S	B	T	P	C
Y	T	W	O	M	E	N	A	A	J	Z	W	N	A	E
Y	T	I	L	A	U	Q	E	R	E	D	N	E	G	L
P	L	I	N	R	N	J	W	D	C	O	Q	M	Z	E
E	K	E	H	U	W	H	U	N	Y	H	T	E	T	B
A	L	C	A	B	T	C	G	A	V	N	D	V	B	R
C	F	G	O	D	A	R	D	T	E	I	F	E	B	A
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Y	U	M	C	O	N	F	E	R	E	N	C	E	L	Z
T	E	G	A	R	F	F	U	S	X	W	A	Y	P	L

ACHIEVEMENT
EDUCATION
HOLIDAY
MARCH
STRUGGLE
PEACE

CELEBRATE
EMPOWERMENT
LEADERSHIP

CONFERENCE
GENDER EQUALITY
SUFFRAGE
LIBERTY
OPPORTUNITY
WOMEN



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Essex and Suffolk Children's University is delivered in partnership with Unity Schools Partnership Education

Read more on:

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