

Leakproof Bag Magic!

Half fill a polythene bag with water and tie or seal it up. Pass some sharp pencils through one side until they are poking out the other side. What happens?



The pencil is able to push through the long strands of molecules that make the bag to make a temporary seal. When you take the pencils out the hole remains because the molecules have been pushed apart. Try experimenting with different bags

1 hour CU learning credit upon submission of a photo or short report..

The Great Egg case Hunt



An eggcase, also known as a mermaid's purse, is a tough case that protects the embryo of a shark, skate or ray. To help the Shark Trust identify which species of shark are in decline they're asking you to hunt for them on a beach that you might visit and record your findings. To find out how to do this go to:

www.sharktrust.org/en/great_eggcase_hunt

1 hour CU Learning credit upon submission of a screenshot of your submitted findings

Seurat

Georges Seurat was an artist famous for creating a style of painting called 'Pointillism'. Pointillism is painting with little dots and dashes of colour.

Take a close look at some of his pictures, either at the library or on the Internet and then try creating your own using cotton buds.

Tip: Use a different cotton bud for each colour



1 hour CU learning credit on submission of your picture

Shark!

Did you know there can be more than 30 types of sharks in British waters but don't worry – they're not a threat to humans. Research British sharks and name at least 20 of them.

Hint: try the 'Gallery' or 'Games' at www.sharktrust.org/juniors

Which is the fastest, the slowest, has the longest tail? Can you identify the shark in the picture below? You'll find lots of other fun activities on this website too.



1 hour CU Learning credit upon submission of your list and the answers to the 3 questions

Bubbles

Make the biggest bubble you can and pop it with your nose!

You could try this recipe:

- 1litre of water
 - 100ml washing up liquid
 - 2 tbs glycerine (used in cake icing)
- Use anything to make the bubbles such as a wire coathanger. Ask someone to be on hand to roughly measure it with a piece of string and then place it against a ruler.



1 hour CU learning credit on submission of short report about how you made your bubble and what size it was.

Cycling Challenge

The Forestry Commission want you get on your bike and get out and about! They have a Cycle Superstar Challenge for you to complete. Complete mini-challenges and goals along the way to improve your confidence as a cyclist.

As you learn, record your progress. The Challenge can be downloaded from:

www.forestry.gov.uk/cyclesuperstarchallenge



2 hour CU Learning credit upon submission of a copy of your certificate

Children's University Learning Credits

Take your evidence, such as photographs, drawings and written work to your CU Coordinator in School or send to us in the CU office by email to admin@essexchildrensuniversity.co.uk or post to us at Winsley's House, High Street, Colchester CO1 1UG