

## CATALYST CAMP WITH A DIFFERENCE!

Your group will have the chance to explore and discuss the science behind three, fun, camp activities;

- Sourcing and producing drinkable water e.g. filtering, distilling and testing this.
- Changing the colours of campfire flames and extinguishing tealight flames using carbon dioxide, producing carbon dioxide through a simple chemical reaction.
- Raft engineering using limited supplies and considering what makes a successful raft e.g. floating, catching the wind to move etc.

This one hour, online workshop is a mixture of science centre lab demonstrations and live facilitation through activities at home. Your group will complete activities, refine ideas to increase success and share their findings with others.

Working with staff from Catalyst Science Discovery Centre, your group will have fun and develop their scientific understanding, meeting criteria required to achieve their science badge.

### What you will need;

- A small bottle, approx 300ml, cut in half horizontally across the middle - be careful when preparing this resource
- A few tablespoons of sand
- A jug of salt water
- Cotton wool
- Leaves
- Small stones
- A square of plastic carrier bag, roughly 15cm x 15cm
- 60cm of string
- 5 lollysticks or pencils
- Tea light and matches to light it
- Bowl
- Vinegar
- Bicarbonate of soda



### About Catalyst

Catalyst Science Discovery Centre is an interactive science centre and charity based in Widnes, Cheshire. We usually welcome approximately 40,000 people a year to our centre which includes hands-on galleries, education studios, lab, theatre, museum archive, exhibition gallery, café, shop and reception area. 2020 was particularly difficult for us as we weren't able to welcome people through our doors so we decided to bring Catalyst to you online!

**To book a session or request dates  
please email [bookings@catalyst.org.uk](mailto:bookings@catalyst.org.uk)**

*Don't forget to take lots of photos and share them to our social media platforms mentioned below!*

 [CatalystScienceDiscoveryCentre](https://www.facebook.com/CatalystScienceDiscoveryCentre)

 [@CatalystSDC](https://twitter.com/CatalystSDC)



**£50**  
per  
session  
*payable online*