



'Discover' Teachers Conference

Catalyst is delighted to be hosting this half day teacher conference on Tuesday 1st October 2024.

This professional development event is aimed at both experienced teachers and newly qualified staff too. Following a welcome from the Catalyst Team, the keynote speech will be delivered by Stacey Reid from the Primary Science Teaching Trust. Teachers can then choose to attend a range of talks:

Discover changes in the EYFS with Kathryn Horan - Author of 'Wow! But Why?'

Discover Materials in Key Stage 1 with Jenny Barrowcliff

Discover Materials in Key Stage 2 with Jenny Barrowcliff

Discover how the NEW Oak National Academy resources support teaching in primary science with Joy Parvin CIEC

Discover Catalyst Science Discovery Centre with the Education Team at Catalyst

Discover the Depth of Explorify with Stacey Reid

Discover how to make science real and relevant - Children Challenging Industry with Becki Price and Joy Parvin CIEC

Further information about each session can be found on Page 2 of this document

Tickets cost £45 per person. Book your tickets in the link below

<https://www.wtm360.co.uk/sales/catalyst-science-discovery-centre-1562313415>

Early bird discount if booked before 19th July 2024 is £35 per person

Tea, coffee and biscuits will be provided

Catalyst reserves the right to cancel this conference if a minimum number of delegates is not reached.

Catalyst Science Discovery Centre and Museum

Mersey Road Widnes Cheshire WA8 0DF Tel 0151 420 1121 bookings@catalyst.org.uk www.catalyst.org.uk



Further information

Discover changes in the EYFS - Kathryn Horan - Author of 'Wow! But Why?'

Changing seasons, changing states, growing and decaying all provide rich learning opportunities for pupils in the EYFS. This session looks at engaging activities for observing over time enquiries spanning minutes, hours, days and weeks.

Discover Materials in Key Stage 1- Jenny Barrowcliff

Introduction: Welcome to “Discover Materials in Key Stage 1”, a session designed to align with the Key Stage 1 National Curriculum for Science and the EEF’s recommendations for improving primary science. This session aims to provide engaging and practical ideas for teaching everyday materials that underpins key knowledge at Key Stage 1

Discover Materials in Key Stage 2 – Jenny Barrowcliff

Introduction: Welcome to “Discover Materials in Key Stage 2”, a session designed around the Key Stage 2 National Curriculum for Science and the EEF’s recommendations for improving primary science. This session aims to provide hands on ideas for teaching materials at Key Stage 2 ensuring progression from key stage 1

Discover how the NEW Oak National Academy resources support the teaching primary science - Joy Parvin (Director, CIEC)

We are proud to share with you the new primary science curriculum recently launched by Oak National Academy, in partnership with The Centre for Industry Education Collaboration (CIEC), from the University of York. Oak’s new fully-resourced curriculum is built upon the exploration of big questions and employs the latest research-based pedagogical strategies to address common misconceptions while enhancing pupils’ substantive and disciplinary knowledge and vocabulary effectively. Teachers can access adaptable, sequenced resources, including new and improved slide decks, practice tasks, quizzes and guidance, that provide them with a high-quality starting point for planning their lessons. These have been created to emphasise the development of practical skills, mathematical proficiencies and an understanding of scientific practices, all while embracing diversity as a fundamental principle. Come and find out about how these high-quality resources can be used to build great curriculum plans and lessons, reduce your lesson planning workload and ultimately improve pupil outcomes

Discover Catalyst Science Discovery Centre- Catalyst Education Team

Join us on a tour of Catalyst Science Discovery Centre where we show you how to make the most of our interactive learning exhibits, our favorite gallery spaces and answer any of your school trip enquires

Discover the Depth of Explorify- Stacey Reid

In this session we will consider how we can create an environment which entices talk, and ensures all children are actively engaged and learning in science. We will explore how Explorify activities consolidate learning, promote higher order thinking and build long term memory

Discover how to make science real and relevant -Children Challenging Industry Becki Price (Advisory teacher, CIEC) and Joy Parvin (Director, CIEC)

Do you want to make science real and relevant, build links with local industries and increase STEM career aspirations? This session will explore why links to real-world contexts are important, as outlined in the EEF's 'Improving Primary Science Guidance Report', and how the Children Challenging Industry programme improves attitudes towards science through connections to the wider curriculum. This hands-on practical workshop will showcase a variety of free, curriculum-based resources for primary teachers, supporting you to achieve this using industry storylines.

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