

Creative Kilns Columns & Cones

Created by Sarah-Jane Mason
for Rotherham Museums, Arts & Heritage

About

Outdoor learning provides us with the opportunity to explore the world around us and the hidden stories of our localities in ways which are creative, curious and fun. Our sites at Catcliffe Glass Cone, Keppel's Column and Waterloo Kiln offer unique environments for teachers and families to explore creative learning outside.

This pack is designed to support teachers and families in planning self-guided visits to these local heritage sites. Our specially-designed creative activities link to different areas of the curriculum and are organised into five themes; Creative Expression, Collaboration, Experimentation, Exploration and Mindfulness.

Some of the activities can be done at any of our sites and others are tailored specifically for one site, perhaps drawing upon the particular architecture of the monument or the landscape it is set in. You can tell if an activity is designed for a specific site as it will have a coloured shape behind the text; a green triangle for Catcliffe Cone, a blue rectangle for Keppel's Column and a red dome for Waterloo Kiln. All of the activities on a plain background (with no shape behind them) can be done at any of our heritage sites.

In addition, there are some activities which are also suitable for families. Family activities require minimal resources and are suitable for multiple age groups so they are great to use with siblings of different ages. These are identified with a blue circle behind the text. To see all of the identifying shapes and colours used throughout this pack, have a look at the key at the bottom of this page.

Teachers can create their own sessions for their class by selecting and combining activities from across the themes. The learning opportunities in this pack can be adapted for use with Foundation Stage through to Key Stage 3. Some activities require few or no resources, while others are more complex and will require preparation and materials. A full list of materials is provided with each activity so that you can decide what will best suit your needs and resources.

We hope that schools and families will enjoy visiting our sites, learning their history, exploring their landscapes and allowing creativity to flourish.



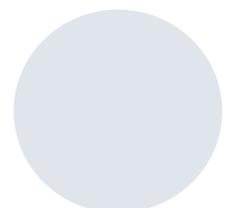
Keppel's Column



Catcliffe Cone



Waterloo Kiln



Family Activity

Visiting

We do hope that you can visit the sites alongside using this pack. The images in the pack help to give you an idea of what each site is like, but there truly is no substitute for seeing these marvellous monuments in real life.

When you are visiting the sites please bear in mind the following points to help you have a safe and productive visit.

- Please ensure that you leave the sites as you found them.
- Take all of your litter and/or unused resources away with you.
- Be aware that the sites are open to the public.
- We recommend that teachers do their own on-site risk assessment before they visit with a class.
- All sites require close supervision of children. Be especially mindful of the pottery ponds when visiting Waterloo kiln.
- We highly recommend outdoor clothing when visiting. The sites can get windy and wet and we don't want your visit ruined by being cold and damp!
- The interior of sites may be accessible to groups with a prior appointment. Please contact the learning team to discuss this further.

All of our sites are free to visit, without an appointment. However, if you would like to look at the interior of sites, you need to arrange this with the learning team in advance of your visit.

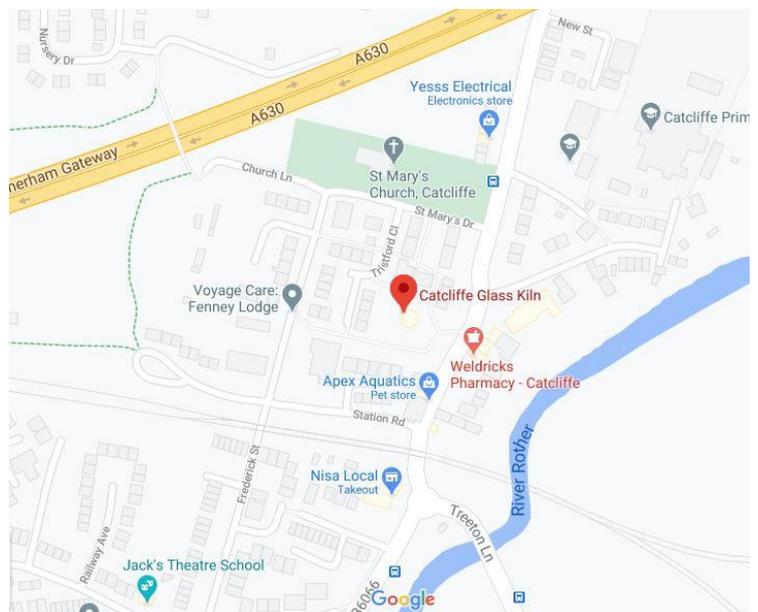
If you have any further questions about the sites or you would like to book a visit to the interior of the monument(s) please do so via the contact page on our website.

<http://www.rotherhamheritagelearning.org.uk/>

Catcliffe Cone



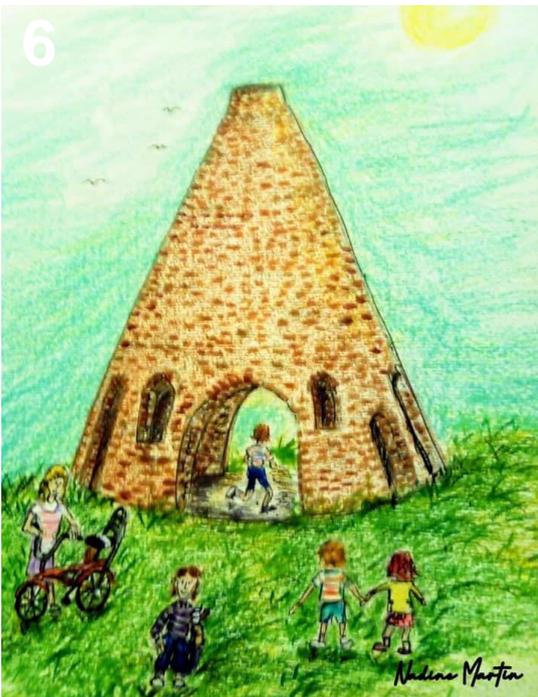
Catcliffe Glass Cone is a historically significant local monument and a key site in relation to the development of the glass industry in South Yorkshire. It dates from 1740 and remained in use until 1884, with a period of use c.1900-1. It is the earliest surviving Glass Cone of its type in Western Europe, and one of only six remaining glass cones in the UK.



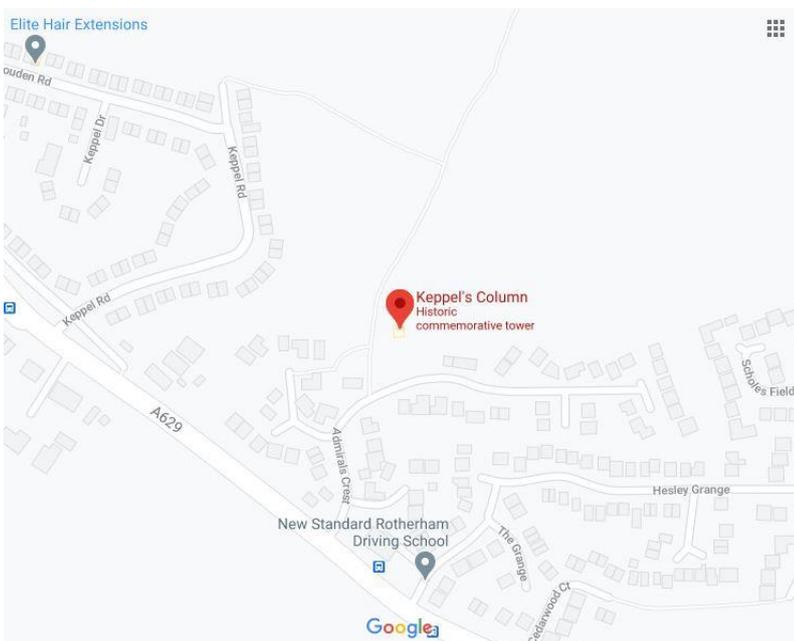
<https://goo.gl/maps/8hG4CKws7TDSRJQdA>



1. View of Catcliffe Cone from Rotherham Road
2. Looking up, inside the cone.
3. Looking up, outside the cone.
4. Model of the inside of Catcliffe Cone showing how it would have looked when it was a working glass kiln.
5. Inside Catcliffe Cone now.
6. Drawing by Nadine Martin.



Keppel's Column



Keppel's Column was built between 1773 and 1780 and is situated on a prominent hill in Scholes adjacent to Scholes Coppice, an area of ancient woodland, overlooking Wentworth Woodhouse. Charles Wentworth 2nd Marquis of Rockingham commissioned the architect John Carr to build the monument to further enhance the landscape of the Wentworth estate and to celebrate the acquittal of Admiral Keppel.

<https://goo.gl/maps/DriRaViHVCpf9GoG7>



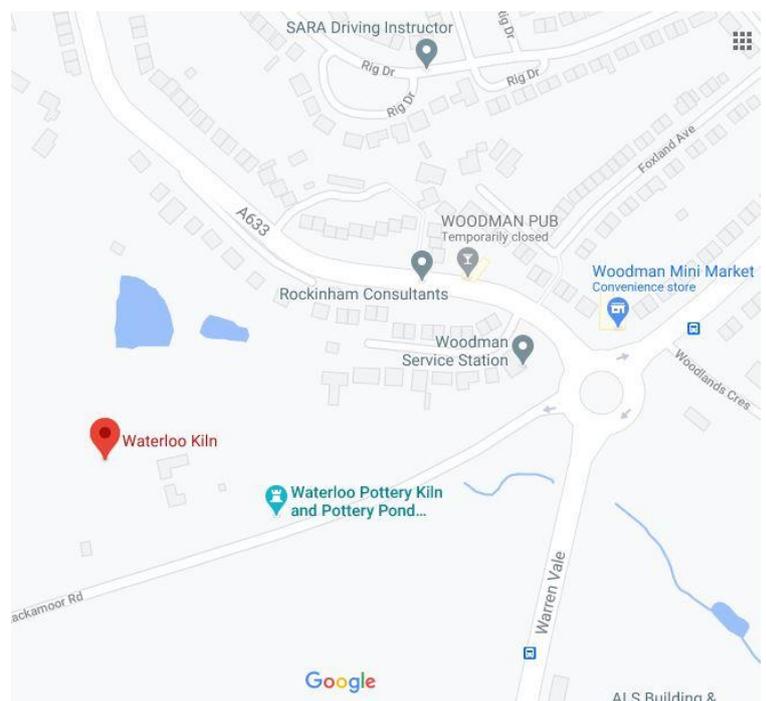
1. View of Needle's Eye from Keppel's Column.
2. Looking up at Keppel's Column.
3. Keppel's Column in the snow.
4. Showing the unsuccessful entasis and the offset windows on Keppel's Column.



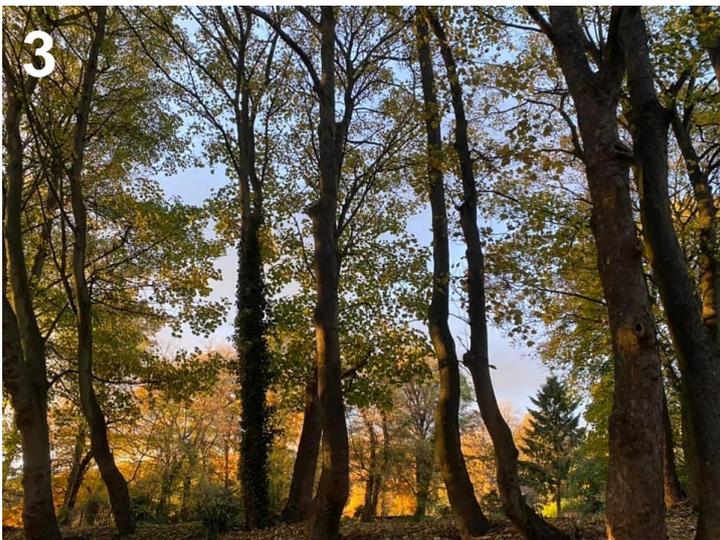
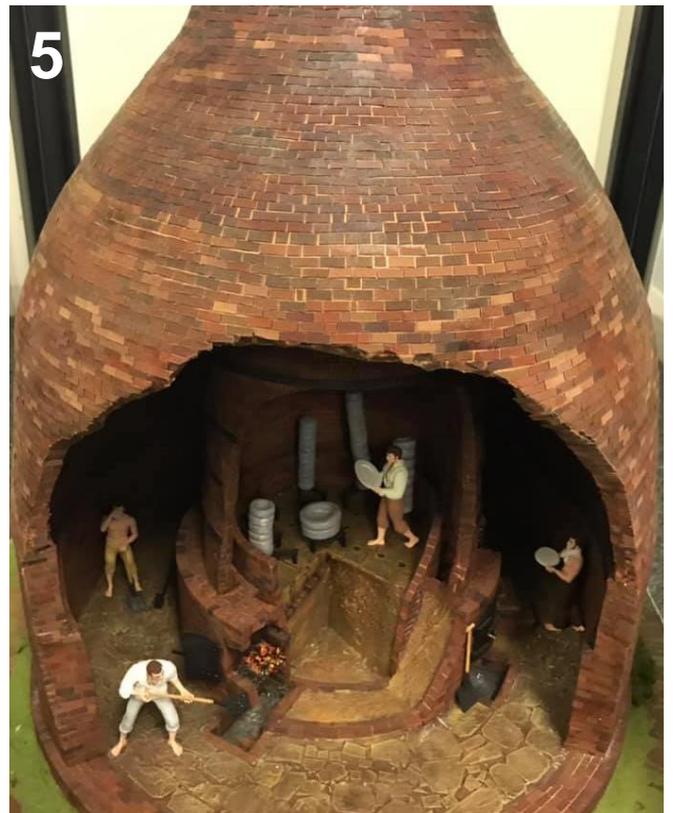
Waterloo Kiln



Waterloo Kiln is situated within the Pottery Ponds site on Blackamoor Road, Swinton. It is believed to be the only surviving 19th century pottery kiln in Yorkshire. It is one of the few places in the country representing the development from coarse earthenware for the local market, to fine porcelain and pottery for export. The pottery operated from 1745 - 1842; most significantly it operated as the internationally famous Rockingham Works from 1826.



<https://goo.gl/maps/3Bg8vCswXJopBvDg8>



1. The pottery ponds by Waterloo Kiln in the Winter, showing a frozen surface.
2. The pottery ponds by Waterloo Kiln in the Summer, showing a golden sunset.
3. The woodland area around the pottery site that is filled with nesting birds.
4. Waterloo Kiln covered in a powder dusting of snow in the Winter.
5. A model showing how the inside of the kiln would have looked when it was producing ceramics.

Creative Activities

The background features several overlapping, semi-transparent geometric shapes. A tall, light blue vertical rectangle is on the right. A purple rectangle is in the center, overlapping the blue one. A green triangle points upwards, overlapping the purple rectangle. A pink rounded rectangle is at the bottom, overlapping the green triangle and the blue rectangle. A grey circle is on the left, overlapping the green triangle and the pink shape.

Workshops

There are three video workshops available that link with this pack.

- **Working with Clay**

‘Working with Clay’ takes its inspiration from Waterloo Kiln, a former industrial clay kiln that was part of the famous Rockingham Works.

This workshop guides you through a number of clay processes including making impressions and reliefs and create basic ceramic vessels. Sarah-Jane provides practical options to suit multiple levels and age groups. The aim of the video is develop pupil’s confidence when working with clay and to increase their knowledge of the properties of clay.

- **Working with Transparency**

‘Working with Transparency’ is inspired by Catcliffe Glass Cone, a significant monument to the development of the glass industry in South Yorkshire.

In this workshop pupils will explore working with transparent materials and recreate the look of stained glass. The activities develop creative approaches to drawing and provide many cross curricular links including literacy, history, RE and science. The aim of the video is to cultivate a climate that provides opportunities for pupils to take creative risks whilst learning more about how we can use transparency as part of the creative process.

- **Working with Technology**

‘Working with Technology’ is inspired by Keppel’s Column and the incredible Wentworth Estate that surrounds it.

This video workshop uses basic animation techniques, digital co-creation, photography and photomanipulation to create digital artworks. The aim of the video is to enrich pupil’s understanding around the potential of technology in the arts and to cultivate practical skills that can be transferred to other curriculum areas.

If you would like further information about the cost of these workshops and how to use them in your educational setting, please contact the learning team via the contact page on our website.

<http://www.rotherhamheritagelearning.org.uk/>

Thanks

Text by: **Victoria Dawes, Christine Evans & Sarah-Jane Mason**

Activities created by: **Sarah-Jane Mason, Creative Practitioner & Educator**

Image Credits

Activity photographs: **Sarah-Jane Mason, Creative Practitioner & Educator**

Catcliffe Cone 70's Style Drawing: **Nadine Martin, Local Artist**

Catcliffe Cone model photograph, page 5: **Clifton Park Museum**

Historic Waterloo Kiln photograph, page 12: **Original image, Rotherham Archives and Local Studies – Waterloo Kiln, 04181**

Keppel's Column under repair, page 16: **Tony Dodsworth, Local Historian**

Site photographs page 4, page 5 images 1 & 3, page 7 images 1, 2 & 4, page 6 & page 8: **Luke Walsh, Photographer**

Site photographs page 5 images 2 & 5: **Pete De Veaux, Catcliffe Cone Community Group**

Site photograph page 7 image 3: **Gill Batson, Keppel's Column Community Group**

Site photographs page 9 images 1 & 4: **Fiona Shaw, Waterloo Kiln Community Group**

Site photographs page 9 images 2 & 3: **Alison Ilett, Waterloo Kiln Community Group**

Waterloo Kiln model photograph, page 9: **Clifton Park Museum**



Funded by
Historic England

Rotherham
Metropolitan
Borough Council