



20th May 2019

Dear Parents and Carers of Windrush, Tolsey & Priory class children

We are so excited to tell you that on Tuesday 4th June we will be taking your child(ren) on a school trip to Bristol. We will be visiting 'We The Curious!' Museum and the Bristol Aquarium as part of their Science, History & Topic work during this term. See attached for the events the children will be undertaking.

The coach will be leaving school at **7.45 a.m.** that morning so please ensure your child is in class by **7.30 a.m.** to allow for class teachers to take registers.

Your child will need a packed lunch for the day (strictly no nut products please) and bottles of water. Please could we ask that your child brings their lunch into school in a named plastic bag that we can dispose of once they have finished to save us carrying lunch boxes around. If the weather continues to be nice, please also ensure your child is wearing sun cream and has a sunhat. If your child suffers from travel sickness, please administer medicines before coming to school and put tablets for the return journey into a named envelope, and complete a medical form from the school office.

We will be leaving Bristol at 2.15 p.m. so will be back in Burford at approximately 4.00 p.m. subject to traffic.

The cost of this whole, action packed, day is **£25.00** per child. This can be paid by ParentPay, pressing the consent form too to save paperwork. Without your voluntary contributions to financially support these trips, they could not happen, so thank you in advance for your donation. Please ensure payment is made by Friday (as it is half term next week) as insufficient contributions received will mean us having to cancel the whole trip and this will need to be done by Friday evening to save incurring any cancellation charges.

Many Thanks

Nikki Latton/Jess Beaney/Hilary Connor

BRISTOL AQUARIUM

Windrush Class - Pirates & Piranhas!

Topic aims and objectives:

Pirates & Piranhas is delivered through a **guided tour** around the aquarium including introduction of basic scientific facts about a range of native animals including sharks, and tropical species of piranhas and river monsters.

A **short talk** is conducted in the Learning Lab about the history of pirates in Bristol including the human-animal interactions that pirates may have had with aquatic animals including sharing ocean myths and legends, including a **hands-on workshop** with some shark egg cases.

The tour also includes an **exclusive fish feeding experience** to encourage the children to connect with the natural world.

Tolsey & Priory Class - Under the Sea

Topic aims and objectives:

Under the Sea is delivered through a **guided tour** around the aquarium including introduction of aquatic animals and their habitats across a wide geographical range including coastlines, oceans, mangrove forests and coral reefs. We also focus on animal diets, behaviour and ecology along the way.

A **hands-on workshop** includes basic to intermediate scientific information about sharks as an apex predator under the sea with real shark eggs, shark teeth and jaws!

The tour also includes an **exclusive fish feeding experience** to encourage the children to connect with the natural world.



We The Curious Museum

Windrush Class - Fossil Finders

Learning objectives

- Understand that dinosaurs and other fossilised animals lived a long time ago
- Understand that fossils are found in rocks in the ground
- Understand that dinosaurs were not all the same. Some were very small and some were very large.
- Identify people who look for and study fossils as palaeontologists
- Recognise that some fossils look like animals living today, to which they are related

Content

Students will:

- Investigate fossils and other artefacts using their sense of touch
- Examine fossils, think about how old they are and how they might have formed
- Search for buried fossils like a palaeontologist
- Use props to model the relative size of some dinosaurs
- Think about what ancient animals might have sounded like
- Make a plaster cast of a fossil

Curriculum Links

Science

- Working Scientifically (years 1 & 2): Observing closely, using simple equipment.
- Working Scientifically (years 1 & 2): Identifying and classifying.
- Working Scientifically (years 1 & 2): Using their observations and ideas to suggest answers to questions.
- Living Things and their Habitats (year 2): Explore and compare the differences between things that are living, dead, and things that have never been alive.

We The Curious Museum

Tolsey & Priory - Colourful Chemistry Workshop

Learning objectives

- Develop an understanding and recognition of laboratory hazard symbols
- Apply observation skills to a variety of chemical reactions to describe what is happening
- Distinguish between an atom and an element
- Understand the safety guidelines and proper procedures associated with Bunsen burners
- Distinguish between reactants and products
- Identify that chemical reactions result in the formation of new materials
- Recognise that chemical reactions can result in a colour change due to new products that are formed
- Understand that reactions can be represented in the form of equations, using words or symbols

Content

Students will:

- Observe and describe the physical properties of a variety of chemical substances
- Learn and apply safe and proper procedures for using Bunsen burners
- Conduct and observe an experiment investigating the effect of burning a variety of metal salts
- Identify the colours associated with metal salts when heated
- Conduct and observe an experiment to investigate chemiluminescence
- Conduct a precipitation reaction to illustrate a way in which paint pigments are produced

Curriculum Links

Science

- Properties and changes of materials: use knowledge of solids, liquids and gases to decide how mixtures might be separated, including through filtering, sieving and evaporating
- Properties and changes of materials: explain that some changes result in the formation of new materials, and that this kind of change is not usually reversible