Year 4 – Summer 2 – Curriculum Overview

Dear Parents,
Our topic this half term will be '**Recycling and Conservation**' We will explore how humans have impacted the world and how we can look after and support our planet! A brief overview of each curricular area is attached which I hope you will find useful. If you have any questions, please feel free to come and speak to me at home time, make an appointment or email me at staff@broughtonprimary.co.uk. Thank you very much for your support.
Mr Yates

Reading

Children are expected to read for at least 20 minutes each night to accompany the guided reading, and other reading opportunities presented in class. It would be very much appreciated if you could sign your child's 'Home School Diary' to enable us to keep a clear record of which books the children have read and where they are up to within the reading scheme.

Books will be changed every Monday and Thursday. We encourage all children to reread their books to gain a thorough understanding before changing them weekly. All children should complete the tasks in the back of their reading books.

Homework

Children will receive maths homework to complete on 'Maths.co.uk' which can be found at http://maths.co.uk/. It is important that children use paper and pencils for their jottings. They also have a log in for 'Times Tables Rock Stars' which will not be assigned but can be completed for extra fun! These will be set each week on a Monday to be completed for the following Monday. All children will receive their own username and passwords (stuck into their 'Home Learning Diary) and they should be able to log in from home – if you have any problems accessing the system at home, please do get in touch.
In addition to this, children will be asked to complete topic homework every half term. Six activities will be presented to the children, of which they must complete at least two of their own choosing.

Spelling

Along with the topic homework, children will also receive a list of age-appropriate words at the beginning of each half term to be learnt at home.

Random spelling tests will then take place in English lessons throughout the half term. This is to promote a deeper, long-term retention of the spelling, assess learning and identify any areas which require further reinforcement.

Spellings:

actually, arrive, breathe, continue, earth, forwards, guard, heard, height, knowledge, natural, peculiar, probably, straight, therefore

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English: This half term the children will be reading 'The Promise' by Nicola Davies.

It is a picture book of great beauty and hope about the power we have to transform our world. The children will be writing poetry based upon the book, investigating and debating how we can help our world and they will write their own innovated version of the story.

Maths: At the start of the term, the children will continue to develop their understanding of time by converting between analogue and digital times. The children develop their knowledge of quadrilaterals, polygons and symmetry.

The children will then interpret charts by making comparisons, sums and finding differences. The children will also interpret and draw line graphs. The children will end the year with a unit on position and direction as they plot coordinates and draw 2D shapes on a grid.

Science: In this unit, the children will be able to confidently find and identify living things in their habitats in the local environment. They will also be able to name living things from habitats around the world. They will group living things in a variety of ways and will use classification keys to help them group, identify and name a variety of living things. Through applying their knowledge of classification keys, they will create one of their own.

Finally, they will explore the different ways in which environments can change and will research how these environmental changes can sometimes pose dangers to living things.

Geography: During this term, children will investigate the impact of plastic pollution. They will explore the '3rs' – Reduce, Reuse and Recycle. The children will discover what waste is and what happens to it. The children will be encouraged to look at their own habits and will consider if they should change.

R.E: During this term, the children will explore answering the question 'What is prayer?' Through this unit, The children will learn that prayer is a way of communicating with God. They will understand that believers across all World Faiths pray in many similar and different ways. They will understand that Christians believe that God listens and responds.

DT: During this term, the children will explore sculptures. Children will create wire animals sculptures by using recycled materials. They will also complete a recycling project were they will import graphics to create online adverts for recycling/conservation.

P.E: P.E lessons will take place on a Wednesday and Friday. Children should come to school in their P.E. kits on these days. P.E will be taught by Mr Ward and by Mr Yates.

Computing: In this unit of programming the children will be exploring repetition in codes when creating games. They will explore code writing features such as count-controlled loops and how to use them repeatedly in a game. They will also look at creating loops that run infinitely and loops that can run simultaneously.

Topic Homework

Dear Parents,
This is the topic homework for this half term. There are six activities, two of which must be completed. The two activities marked with 'Ind' should be completed independently by the children. The activities are all based around the learning we will complete this half term. The deadline for this homework will be Friday on the last day of term. If you have any questions, please do not hesitate to get in touch.

Waste Diary (ind)

Keep a diary for one day and record all the rubbish and recycling you throw away.

Sculpture

Create a sculpture using recycled materials from around your home.

Prayer for the Planet

Write a short prayer asking for help to care for God's world and protect nature.

Conservation Poster

Design a colourful poster encouraging people to reduce, reuse and recycle.

Endangered Animal Fact File

Research an endangered animal and create a fact file explaining how people can help protect it.

Recycling Game

Design and make a simple board game or quiz that teaches people about recycling and conservation.