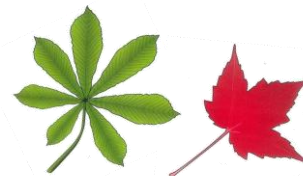


Curriculum Information

Willow, Chestnut & Maple Autumn (2) Term 2021



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Let's Get Connected

Our topics for this half term are ...

Science (Circuits and Conductors) - Children will learn to investigate circuits and their different components, and will predict whether a given circuit will work. They will learn about conductors and insulators and use this knowledge to create switches to complete a circuit. They will begin to recognise some common conductors and insulators, and associate metals with being good conductors. They will gain plenty of hands-on experience creating and testing circuits and switches.

Science (Sound) - Children will learn how sounds are made and associate them with vibration. They will learn that sounds travel and get fainter as the distance from the sound source increases. They will gain experience of this through a variety of exciting experiments both in and out of the classroom.

DT (an Alarmed Treasure Box) - Children will generate ideas & designs for a treasure box and then progress to selecting appropriate tools and equipment for making their chosen designs. They will be challenged to include an alarm to protect their treasure in the form of a simple circuit with a switch. To finish the design process, they will then reflect on the progress of their work, identifying ways in which they could improve their treasure box.

Computing (MaKey MaKey) - Children will design and make a human drum machine or piano using MaKey MaKeys where they are the conductor that completes the circuit. They will need knowledge of circuits and conductors as well as an understanding of using software and hardware to achieve a given goal.

Other subjects:

P.E. – Rugby and Modified Team Games (Tuesday morning and Wednesday afternoon)

Children will play competitive games and apply basic principles for attacking and defending. They will use running, throwing and catching in isolation and in combination.

R.E. – Christianity: Festivals and Celebrations (Christmas)

Children will learn about the events leading up to Christmas, that Christmas celebrates Jesus' birth and know how and why Christians celebrate Christmas. Children will learn the signs and symbols associated with Advent and Christmas, as well as learning that different Christians celebrate Christmas in different ways.

P.S.H.E. – Celebrating Difference

Children will explore how each family is different and important to them. They will discuss the differences and conflicts that sometimes happen among family members, and learn more about bullying and how their own words can affect others. Children will identify what is unique and different in themselves.

French – Classroom Instructions, Greetings and numbers to 12

Children will learn basic classroom instructions and will be able to respond to instructions they are given in French. Children will also learn how to introduce themselves and politely ask how their friends and others are feeling.



Music – Christmas Carols

Children will perform in both solo and group contexts using their voices with increasing accuracy, fluency, control and expression as well as listening with attention to detail and developing their aural memory.



English: - **Information and Explanation Texts** (*Linked to Science work*)
 - **Performance Poetry and Shape Poetry**

English involves the development of speaking and listening, drama, reading, comprehension, grammar and writing skills. Children will have a variety of opportunities to develop and demonstrate mastery within their reading and comprehension both in the classroom and during weekly guided reading sessions. They will also be able to apply their skills across other areas of the curriculum during their topic work.

During their English lessons, children will be working from cross curricular units of work, each of which will last between 2-4 weeks. Each term, children will experience a range of narrative, non-fiction and poetry texts.

Mathematics:

Children will develop and demonstrate mastery in their knowledge, skills and understanding within key areas in Mathematics: Addition and subtraction, multiplication and division and length and perimeter (Year 4). The children's ability to 'reason' will be developed throughout all of their mathematical work as they are encouraged to explain how they have reached solutions to problems.

Homework & Spellings

Weekly Tasks: Every Monday, your child will be set either a piece of English or Maths homework. They will have until the following Monday to complete it. Their homework tasks will be set on Google Classroom and they will be based upon what they have been learning in class in order to consolidate their new knowledge, skills and understanding.

Spellings: Spellings will be set and tested each Monday. Children will be able to have fun learning their weekly spellings on Spelling Frame, where they can play spelling games and test themselves.

Mental Maths: Times tables and number facts will be tested on a weekly basis.

Reading: Guided Reading will take place on a weekly basis. Your child will also have books set on Bug Club which they should access as part of their reading homework on a weekly basis. Also, it is important that your child reads a range of literature (magazines, books, newspapers) for at least one hour per week. Why not check out the fantastic new library at the Alnwick Playhouse!

Additional Information:

Wellies: We continue to ask all children to bring a pair of wellies to school for our outdoor learning adventures as well as playtimes. Please ensure that wellies are clearly labelled with your child's name.

Homework and Spellings: *Specific information about your child's homework and spellings can be found on their class page on the school website. The class teacher will update this each week with the latest spellings and homework which will be accessed through Google Classroom and Spelling Frame.*

Water Bottles: *Please ensure that your child brings a water bottle with them each day so that they can have a drink during the day, particularly after breaks and after PE lessons.*

School Closures

In the event of a school closure, there are games, activities and worksheets for all subjects available to help your child on our virtual learning platform, School360, and some of the best (j2e, IR and Frog Play) can be found in Resources. The BBC also has a range of age-appropriate activities for most areas of the National Curriculum, or children can hone their coding skills on Scratch (<https://scratch.mit.edu/>).