



St Joan of Arc Year 2 Curriculum Newsletter Autumn Term 2nd Half

Topic: Magnificent Materials

Religious Education:

OTHER FAITH - Judaism

In this topic we will be exploring the Jewish faith and learning about how our Jewish brothers and sisters live and what they believe. We will be learning about their most special day – Shabbat; we will also think about the celebrations and rituals of this sacred day.

PREPARING- Advent/ Christmas

Children will recognise that Advent is a time of preparation and describe things we see during this time i.e. Advent wreath, calendar, the colour purple. They will say what they wonder about the amount of time and care involved in preparing for Christmas. Children will ask and respond to their own and other's experiences and feelings about how important it is to prepare well. They will retell the stories of the Annunciation, the Visitation and the Nativity and be able to use religious words and phrases to describe the customs associated with the liturgical season of Advent. They will describe how Christians follow Jesus as the light of the world.



Each Friday we will be learning hymns during singing assembly and we will attend school Mass at the end of the school term.

English:

Poetry: Autumn Poetry - In this unit, the children enjoy listening and responding to poems in a range of different ways. They will work both in small groups and as a whole class to perform poems. Through using actions and expression they will try to bring them to life. They explore poetic language and identify adjectives and verbs in a poem. They draft, edit and compose their own poems and read them aloud.



Narrative Unit: Traditional Tales – Orion and the Dark– Children will read a wide range of narrative stories and discuss the key features. They will use drama and hot seating to explore the descriptive language of stories and identify adjectives and verbs in Orion and the Dark. They will compose formal letters to a character in the story and try to use persuasive language to change the character's viewpoint. They will sequence the story, plan their own version of the tale using a story mountain and eventually write their own traditional tale.



Non-Fiction Unit: Materials Information - Children will be exposed to a wide range of non-fiction information books on materials. They will discuss the features of a non-fiction text and practise using them (e.g. how to use a contents page). As part of their topic Magnificent Materials, they will investigate properties of materials and complete various experiments. These findings will be recorded in the form of their own information texts on materials. Their booklets will include contents, introduction, headed chapters of different materials, results of experiments, a glossary and an index.

Poetry: Christmas Poetry – As part of our exciting last week, in the lead up to Christmas, the children will write and publish Christmas shape and acrostic poems.



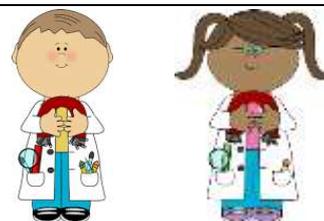
Mathematics:

Week 1	Week 2	Week 3	Week 4	Week 5	Week 6	Week 7	Week 8	Week 9	Week 10	Week 11	Week 12		
<p><u>Number – Place Value</u></p> <p>Read and write numbers to at least 100 in numerals and in words.</p> <p>Recognise the place value of each digit in a two digit number (tens, ones)</p> <p>Identify, represent and estimate numbers using different representations including the number line.</p> <p>Compare and order numbers from 0 up to 100; use <, > and = signs.</p> <p>Use place value and number facts to solve problems.</p> <p>Count in steps of 2, 3 and 5 from 0, and in tens from any number, forward and backward.</p>			<p><u>Number – Addition and Subtraction</u></p> <p>Recall and use addition and subtraction facts to 20 fluently, and derive and use related facts up to 100.</p> <p>Add and subtract numbers using concrete objects, pictorial representations, and mentally, including: a two-digit number and ones; a two-digit number and tens; two two-digit numbers; adding three one-digit numbers.</p> <p>Show that the addition of two numbers can be done in any order (commutative) and subtraction of one number from another cannot.</p> <p>Solve problems with addition and subtraction: using concrete objects and pictorial representations, including those involving numbers, quantities and measures; applying their increasing knowledge of mental and written methods.</p> <p>Recognise and use the inverse relationship between addition and subtraction and use this to check calculations and solve missing number problems.</p>					<p><u>Measurement: Money</u></p> <p>Recognise and use symbols for pounds (£) and pence (p); combine amounts to make a particular value.</p> <p>Find different combinations of coins that equal the same amounts of money.</p> <p>Solve simple problems in a practical context involving addition and subtraction of money of the same unit, including giving change.</p>		<p><u>Multiplication and Division</u></p> <p>Recall and use multiplication and division facts for the 2, 5 and 10 times tables, including recognising odd and even numbers.</p> <p>Calculate mathematical statements for multiplication and division within the multiplication tables and write them using the multiplication (x), division (÷) and equals (=) sign.</p> <p>Solve problems involving multiplication and division, using materials, arrays, repeated addition, mental methods and multiplication and division facts, including problems in contexts.</p> <p>Show that the multiplication of two numbers can be done in any order (commutative) and division of one number by another cannot.</p>			

Science

Materials (Identify everyday materials and their properties by):

- Sorting and classifying different materials.
- Looking at and observing changes in materials – heating/ cooling/bending/stretching.
- Testing different materials
- Discussing which materials are found naturally and which are man-made.
- Sustainability – insulation, recycling.
- Evaluating fair tests.



Computing

- Accessing the internet to research topic work.
- Search for images using Word clip Art for topic and add text.
- Using the London Grid for Learning – Virtual Experiments with materials.
- Researching information about materials for information book in Literacy using Espresso site.
- Talk about the safe use of email, learn how to send and receive messages using secure email.
- Use log boxes- experiment testing temperatures.
- **E-Safety:** Children will learn about the consequences of online bullying and the role of a bystander in online bullying situations. They will create an anti online-bullying slogan to send a strong message that bullying is never acceptable.

Topic: Magnificent Materials

History: Researching and discussing the use and development of the use of materials throughout the ages.

Geography: Identify geographical sources of different materials e.g. rubber, wood, glass

Art: Create collages and sculptures using recycled materials; Gaudi's use of recycled materials

DT: (cooking and nutrition): Explore chemical changes in food due to heating, melting and freezing.



PE

- **Dance (colours and moods):** The children will explore movement ideas and respond imaginatively to music. They will experiment in ways of travelling and using space. They will be working co-operatively to create a sequence of movements.
- **Gymnastics:** During Wednesday lessons the children will explore gymnastic performance and movement.

PSHE (Personal, Social and Health Education)

Mental health and emotional wellbeing: Friendship

Pupils will learn:

- about the importance of special people in their lives
- about making friends and who can help with friendships
- about solving problems that might arise with friendships



Music

- **Winter Celebrations** In this unit the children will learn a range of winter celebration songs from different cultures, sing simple songs at pitch with melodic shape and be confident to apply basic performance expectations. Music lessons will be lead by Miss Ward.
- **Phase 2/3 Singing Practice:** The children will learn new songs for Mass in Friday singing and will also rehearse songs for our Christmas production.

Ways you can help at Home:

- ☺ Homework is distributed on Monday and will involve spelling activities and weekly maths mastery work. In homework books you will find a summary of the spelling work and the maths mastery activities. The children should complete these activities for the following Friday when the learning will be revisited.
- ☺ Full PE gear is required on PE days. This includes the school t shirt, and dark blue or black shorts or track suit bottoms. Trainers or plimsolls need to be worn.
- ☺ Please ensure that your child has a rain coat with them on days when the weather is changeable. You may want to encourage them to check the weather forecast in preparation for the next day.
- ☺ Uniform is to be clean and worn in an acceptable manner. It is highly advisable to label all items of uniform to ensure items can be returned if misplaced. Only school uniform is to be worn in school buildings.
- ☺ Should you wish to discuss a matter concerning your child, please feel free to make an appointment to discuss these concerns. Appointments should be agreed beforehand and can be arranged via the school office.
- ☺ Show and Tell is on Fridays, children are free to bring in items to share with the class. All items should be of a suitable size, to fit into your child's tray. Please do not bring in items that are valuable or fragile, e.g. electronic items.
- ☺ In any case of absenteeism, it is requested that caregivers provide an explanation on the day or the day after the absence. If an absence is known in advance, a letter of explanation would be appreciated.
- ☺ Children are expected to read every night for at least ten to twenty minutes. Reading logs are to be filled in by the child/caregiver and signed by the caregiver. Fostering an enjoyment to read and continuing to encourage reading independence is a continuing focus. Please feel free to make comments in the log book. It is important that they have practice retelling stories and talking about what they read in order to develop their comprehension skills. Reading aloud fosters a greater focus on expression and understanding, as well as the opportunity to discuss themes and vocabulary from the text.
- ☺ All children in year 2 should confidently know their number bonds to 10 and 20. If your child has not yet reached this target, please continue to learn and practise these at home.
- ☺ By the end of the year children should be confident recalling their 10, 5, 2 and 3 times and their related division facts. Please practise these at home also, focusing first on 10, and when this learning has been mastered moving onto 5, then 2 and finally, by the end of the year, to 3 times tables.
- ☺ Prayers- The children need to learn the prayers said at school. These include the 'Our Father', 'Hail Mary' and the 'Glory be'. We will be encouraging the children to make the sign of the cross correctly and to be reverent when saying prayers.

Other Information:

- **Can you help?** If you think you can help in any way with the topic we are doing this half term (Magnificent Materials), please talk to the class teacher.

Thank you for your support. We look forward to continuing working with you this year,
Ms Thomas & Miss Ward