

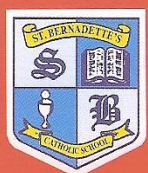
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## YEAR 4 CURRICULUM GUIDE 2019-2020



# ST. BERNADETTE'S CATHOLIC J&I. (NC) SCHOOL

## A LEARNING JOURNEY

We at St. Bernadette's are always striving to help children get the best out of their years at school. In partnership with you, the parents and guardians, we can give the children the best start in learning.

This booklet explains exactly what your child will be learning this year and will, hopefully, clear up the answers to some of the most common questions parents ask. It is also full of tips for activities that you can do with your child at home.

### **YEAR FOUR**

Your child is in Key Stage Two.

The following subjects are taught throughout the year:

- Religious Education (R.E.)
- English (Literacy)
- Maths (Numeracy)
- Science
- Computing (I.C.T.)
- Music
- Physical Education (P.E.)
- Topic - History, Geography, Art & Design Technology (DT)

In Year Four some children make links with children in Newcastle-on-Tyne through a residential trip in the summer term.

At the end of each term your child's progress will be assessed and monitored against national expectations.

### **HOMEWORK**

The following programme of homework can be expected,

- Maths - one written piece, and a mental maths task such as multiplication tables.
- English - one piece (a maximum of 30 minutes per week), to plan or proof read or complete a piece of narrative or non narrative writing, following on from the week's work, or a grammar activity or comprehension piece to embed literacy skills.
- Reading - specific pages, recorded in their Communication Diary, to read from their group reading book.
- Spellings - a rule to be learnt weekly.
- Topic - a project linked to their forthcoming topic will occasionally be sent out.

### **SETTING**

Children are set for Mathematics and English.

## R.E.

At St. Bernadette's we follow the scheme of work provided by the Archdiocese of Birmingham, which indicates four areas of learning: The Life of Christ, Revelation, The Church and Celebration.

At all times we remember that teaching children about the Roman Catholic faith can only be done in partnership with the child's parents and we respect the promises parents made at baptism, to nurture their child's faith and support the work of the Catholic Church.

### Year Four

Revelation - God calls to us through the Bible

Church - The Church proclaims the "Good News" near and far

Celebration - We celebrate our union with Jesus

Life in Christ - We are called to love and live in our community

### *Parents in Partnership -*

- Ensure you take your child to Mass every Sunday
- Say prayers at home for the people in your family, to Our Lady and to the saints.
- Encourage your child to go to confession at least during Advent and during Lent.
- Challenge your child to say something kind to someone in your home each day.
- Boys and girls can become altar servers either at Holy Family Church or at St. Bernadette's.

Please support any school masses, when possible.



## ENGLISH

At St. Bernadette's School we follow the National Curriculum English Programme of Study.

### Speaking and Listening /Independent Tasks

In Year 4, children will build on the oral language skills that have been taught in preceding years. They will develop their competence in spoken language and listening to enhance the effectiveness with which they are able to communicate across a range of contexts and to a range of audiences.

We are encouraging the children to speak confidently in front of the class, to give details about particular subjects and to use appropriate vocabulary. We hope they will use Standard English where appropriate and correct grammar.

### TIP

1. Play listening/memory games such as "Mary went to market and she bought....."
2. Correct sentences that are grammatically incorrect  
e.g. "I ain't" – "I'm not"

### Reading

The children's range of reading is extended to a range of different types of text. They explore the passing of time and how stories are constructed i.e. introduction, build up, problem/dilemma, resolution and ending. They look for the use of expressive and descriptive language. They explore play scripts and favourite writers. From non-fiction, they discuss facts and opinions and, by looking at newspapers, the children learn to scan texts to search for words, phrases and particular information.

Reciprocal reading is used with reading comprehension exercises in our year group. Each student is assigned a different role in the group and performs set tasks.

### TIPS -

1. Encourage your child to go regularly to the public library and borrow books.
2. In the public library locate books of a favourite writer or a play script to read and perform at home together.
3. Ensure reading comprehension homework is completed regularly and neatly presented.

### Writing

Your child is learning to write stories with structure, including character sketches. They write in paragraphs, chapters, changing endings and events from popular stories or from history. They begin to write persuasive arguments and write explanations.

Spelling rules continue to go home, to be learnt and applied in everyday writing.

Children understand and use expanded noun phrases, fronted adverbials, commas between clauses and apostrophes for possession.

## TIP -

Encourage your child to write letters/emails to relatives or pen friends.

## SPELLING:

Children follow the spelling programme called Spelling Shed.

## MATHS

At St. Bernadette's School we follow the National Curriculum Mathematics Programme of Study.

In Year 4, pupils will become increasingly fluent with whole numbers and the four operations (addition, subtraction, multiplication and division), including number facts and the concept of place value. This should ensure that pupils develop efficient written and mental methods and perform calculations accurately with increasingly large whole numbers.

Pupils will develop their ability to solve a range of problems, including with simple fractions and decimal numbers. They will also work with different shapes and their properties, and describe the relationships between them. They will gain practical experience of using measuring instruments with accuracy and make connections between measure and number.

By the end of year 4, pupils should have memorised their multiplication tables up to and including the 12 multiplication table!

Pupils should read and spell mathematical vocabulary correctly and confidently, using their growing word reading knowledge and their knowledge of spelling.

Key skills for your child in the different areas of Mathematics:

<u>Number</u>	<u>Measurement</u>
<ul style="list-style-type: none"><li>• count in multiples of 6, 7, 9, 25 and 1000</li><li>• find 1000 more or less than a given number</li><li>• count backwards through zero to include negative numbers</li><li>• recognise the place value of each digit in a four-digit number (thousands, hundreds, tens, and ones)</li><li>• round any number to the nearest 10, 100 or 1000</li><li>• read Roman numerals to 100 (I to C)</li><li>• add and subtract numbers with up to 4</li></ul>	<ul style="list-style-type: none"><li>• Convert between different units of measure, for example, kilometre to metre; hour to minute.</li><li>• measure and calculate the perimeter and area of squares and rectangles</li><li>• estimate, compare and calculate different measures, including money in pounds and pence</li><li>• read, write and convert time between analogue and digital 12- and 24-hour clocks</li></ul>

<p>digits using formal written methods (see calculation policy)</p> <ul style="list-style-type: none"> <li>• recall multiplication and division facts for multiplication tables up to <math>12 \times 12</math></li> <li>• multiply two-digit and three-digit numbers by a one-digit number</li> <li>• recognise equivalent fractions and decimals</li> <li>• add and subtract fractions with the same denominator</li> <li>• round decimals with one decimal place to the nearest whole number</li> <li>• solve simple measure and money problems involving fractions and decimals to two decimal places.</li> </ul>	
<p><b>Geometry</b></p> <ul style="list-style-type: none"> <li>• compare and classify geometric shapes, including quadrilaterals and triangles, based on their properties and sizes</li> <li>• identify acute and obtuse angles</li> <li>• identify lines of symmetry in 2-D shapes</li> </ul>	<p><b>Statistics</b></p> <ul style="list-style-type: none"> <li>• interpret and present discrete and continuous data using appropriate graphical methods, including bar charts and time graphs.</li> </ul>

### Tips:

- 1) Ask your child the time on a regular basis. Extend your questions to ask how long something will last for, or what time it will finish if it last 45 minutes etc.
- 2) Help your child recite and randomly recall their times tables – they need to know all of their times tables up to  $12 \times 12$ . Use Times Tables Rockstars for at least fifteen minutes a day.
- 3) Give your child practical experiences of working with different measures – do some baking or cooking and ask them to weigh out the different ingredients.
- 4) When out shopping ask your child questions involving money e.g. if one tin of beans costs 69p, how much will two tins cost? How much change will I get from £5? If cakes come in packs of 6 and I need 30 for a party, how many packs should I buy?

## Science

In Year Four children learn about:

**Living things and their habitats**- using classification keys to identify and name a variety of animals and recognising that environments can change.

**Animals including humans**- the functions of the parts of the digestive system, teeth and their function and interpretation of food chains.

**States of matter**- grouping solids, liquids and gases, changes of states and the water cycle.

**Sound**- how sounds are made through vibrations the pitch and volume of sounds.

**Electricity**- constructing simple circuits and identifying the parts, and what happens when the circuit is incomplete, and common insulators and conductors.

Working scientifically focuses on:-

- turning questions into a form that can be investigated
- making observations, measurements and comparisons
- using thermometers and force meters to measure accurately
- looking for patterns in their results
- looking for patterns or trends in results in order to draw conclusions
- representing data in bar charts and interpreting what their graphs show

## TIP



1. Discuss safety a) around the home with electricity b) in the car, on a bike (what things help to absorb impacts when moving at speed?)



2. Make a chart and have some fun doing some exercise together each day.
3. Put a thermometer in various places in and out of the home. What changes can you predict? Check if you're right!
4. Make a track for your remote controlled car that has different surfaces, e.g. carpet, lino, corrugated card, bubble wrap. What surfaces show most resistance?

## COMPUTING

**Digital Imagery** – Children learn how to use digital cameras, upload and edit their photos and use 'Comic Life' software to create personalised comic books.

**Powerpoint** – Microsoft Powerpoint is used to create electronic big books to share with the children's Key Stage 1 buddies.

**Control and Programming** – Children learn about controlling and programming on screen devices, as well as floor roamers. They use 'Scratch' and 'Espresso Coding' software to create an animation using control techniques.

**Online Safety** – Importing images from the Internet, how to research online safely and personal safety when online.

**Tip** – Visit the School Website for websites and activities to support your child's learning across the curriculum.

## SPECIALIST SUBJECT TEACHING

This will take place each afternoon in the following subjects: PE, Music and a Modern Foreign Language (French). Your child may be taught by different teachers, each of whom have interest and expertise in different subjects. This initiative has been introduced to raise standards across the curriculum.

### Music

In Key Stage 2 children develop their singing voice, listening skills, aural memory and physical skills. The school also uses Charanga Musical School which is a living cloud-based resource that brings together great music, modern pedagogy and the latest educational technology. It supports all aspects of music in school including the new music curriculum, as well as providing children and their families with opportunities to continue learning and exploring music at home through Music World.

### P.E.

**Athletics** – running, throwing and jumping

**Gymnastics** – shape, weight on hands and sequencing skills

**Dance** – cultural and Tudor dances

**Outdoor Adventure** – team work and orienteering.

**Games** – invasion games (where two opposing teams score at opposite ends), net and wall games with striking, bowling and fielding skills.

## Topic

A Topic week (which includes the History, Geography, Art and Design & Technology curriculum) will be delivered termly and takes a thematic approach, where every year band studies a common theme through these four foundation subjects each term. This enables the children to develop their key skills as well as gain a deeper understanding of the world.

In Year 4, the themes are Under Attack, Exploration and Relationships.

## Introducing a modern foreign language

All children from year 1 to year 6 will be taught a foreign language. The children in year 4 will be taught French. Introducing the children to a new language will boost their overall literacy development and prepare them for working in a global society. In year 4, children will learn vocabulary related to a variety of topics including personality, physical descriptions and family.

## Special Needs

As in any school, there are children at St. Bernadette's who have particular needs that have to be addressed to make sure they have access to the curriculum. These include children with learning or medical difficulties, physical disabilities, behavioural problems, and also the more able and gifted children.

The school works with outside agencies such as speech therapists, physiotherapists and school support services in close partnership with the parents. Appointments can always be made with the special needs co-ordinator (SENCO), should parents have any concerns about their children.

## Extra-Curricular Activities

The staff at St. Bernadette's offer the children opportunities to extend their learning outside school hours. The following activities may be offered to your child's year band at some point during the school year.

### Key Stage Two

Drama Club  
Guitars  
Football  
Netball  
Athletics  
Multi Skills  
Archery  
Ju jitsu

Keyboards  
Choir  
Cricket  
Rounders  
Tag Rugby  
Dodgeball  
Cross Country Running

### All the previous year band prayers plus

Sign of the Cross	Hail Mary	Act of contrition
Morning Prayer	Glory be to the Father	Prayer before communion
Grace Before Meals	Guardian Angel Prayer.	Angelus
Grace After Meals	Penitential Act	Hail Mary
Night Prayer	Greeting the Gospel	Prayer after communion
Our Father	Invitation to communion	

### The Rosary

Each section or decade of the Rosary consists of one Our Father, ten hail Marys and one Glory be to the Father. While we say the decade we picture in our minds one of the great happenings in our salvation.

### The Joyful Mysteries of the Rosary

#### The Annunciation

The angel comes to Mary

The blessedness of Mary is that she says 'yes' to Gods request.

#### The Visitation

Mary goes to her cousin Elizabeth.

Her love and care is rewarded by Elizabeth's welcome and Mary responds with the Magnificat.

#### The Birth of Our Lord

Jesus is born. God really lives among us. The world and human beings can never be quiet the same again.

#### The Presentation in the Temple

Mary and Joseph take Jesus to the Temple. He is recognised by Simeon.

#### The Finding of the Child Jesus in the Temple

Jesus is apparently disobedient to his parents.

They find him after being worried about losing him, he is doing his fathers work.

### The Sorrowful Mysteries.

#### The Agony in the Garden

While the disciples sleep, Jesus prays. The weight of fear and foreboding drain him, but he accepts his Father's will.

#### The Scourging at the Pillar

Pilate washes his hands of Christ and sends him to be punished.

#### The Crowning with Thorns

The soldiers taunt and mock Jesus and place a crown of thorns on his head.

### The Carrying of the Cross

Jesus submits to carrying the cross on which he was to hang.

### The Crucifixion

The soldiers nail Jesus to the cross. He places his trust in his Father before he dies.

### The Glorious Mysteries

#### The Resurrection

Jesus, after three days, rises from the dead.

#### The Ascension

The risen Jesus has finished his work, present among us as man, so he went back to his father.

#### The Coming of the Holy Spirit

The apostles receive the gifts of the Spirit: Love, joy, peace, patience, faith, courage.

#### The Assumption

Mary is taken up to heaven.

### The Crowning of Our Lady as Queen of Heaven

### The Luminous Mysteries

#### The Baptism of Jesus in the Jordan

#### The Wedding Feast at Cana

#### The Proclamation of the Kingdom and the call to repentance

#### The Transfiguration of the Lord

#### The Institution of the Eucharist

### The Memorare

Remember, O most loving Virgin Mary,

That it is a thing unheard of,

That anyone ever had recourse to your protection, Implored your help, or sought your intercession,  
And was forsaken,

Filled therefore, with confidence in your goodness, I fly to you, O Mother, Virgin of virgins,

To you I come, before you I stand, a sorrowful sinner,

Despite not my poor words, O mother of the

Word of God,

But graciously hear and grant my prayer.

Amen