

ECCLES **ALL** PRIMARY **SCHOOL**

CURRICULUM HANDBOOK 2019-20



Primary
ECCLESALL
School

Art & Displ

Subject: Art and Display

Subject Leaders: Cara Chester

Intent

Our School aims to foster the development of the whole person, the spiritual, mental, physical, moral, social, personal, creative and cultural development of the children. At Ecclesall Primary School we aim to provide a strategic and co-ordinated approach to Art Education. We believe everyone has the capability to be creative. Learning through Art is about developing that capability in both a physical and visual way. During our art experiences the children can convey their own personal experiences, thoughts, feelings and responses by exploring and creating. Pupils will gain personal and social skills, self-expression, consideration of others' views, leading and following and aesthetic awareness. By developing skills through Art at Ecclesall pupils are given the opportunity of using a language common to all.

Implementation

Creativity is an obvious but extremely important skill gained from art at Ecclesall. Children will be encouraged to think "outside of the box" e.g. Y1 and Y5 work on self-portraits but also learn how to project their personality through pencil and paint.

Understanding various types of art takes fine-tuned observation. When creating art, each child must be aware of their surroundings and observe objects and art as they are presented before them. For e.g. Y2 study Van Gogh's Sunflowers, Y3 Georgia O'Keefe's flower paintings, Y4 create landscapes both imaginary and realistic within their habitat topic. Y5 study Matisse and later in the year look at the work of Paul Gauguin. Whilst Y6 study the interior of the underground and the form of the human body, during their WWII study of Henry Moore.

Art is the obvious arena for self-expression. With every art piece a pupil creates, they are using their creativity, their vision, dreams and wonder to make sense of the world. For e.g. Y3 create their own 3 dimensional canopic jars which involves modelling, clay sculpture and painting. Not to mention studying Egyptian hieroglyphics.

ay...



Subject: Art and Display

Subject Leaders: Cara Chester

Impact

Art education teaches students not to give up, to keep working at their artwork. Children will often work collaboratively on group pieces of art work as we believe that in learning through others, our pupils can begin to recognize their most important traits and the techniques that they, themselves, are most successful at. For children to grow personally and academically, they must take risks. Learning through art education gives them the confidence to try new things and learn to make failure into successes. They gain confidence in the path to discovery, without fear of the final outcome. It goes without saying, that having confidence is beneficial for personal and professional relationships, helps our pupils tackle harder subjects and nurtures exploration in their own lives.

During their time at Ecclesall Primary School children will experience a range of opportunities to learn in art; Drawing, painting, printing, modelling, sculpture, photography and creative imedia. Assessment is monitored through a personal sketchbook which travels through school with them. In each book there is a progressive skill based matrix that each teacher can build on and revisit.

Computing

Subject: Computing

Subject Leaders: Matt Griffin & Lois Fairclough

Intent

At Ecclesall Primary School we believe that computing is an essential part of the curriculum. Our computing curriculum equips children with a range of skills that will support them in many other areas of the curriculum and prepare them to work in the modern world where a knowledge of ICT and computing is vital. Our computing curriculum is integrated into our Creative Curriculum and thus enhances the children's learning experience.

Implementation

Children introduced to algorithms through programmable toys. Children will use directional language to programme a toy to move around a pre-designed track. When the algorithm fails in some way children work in teams to debug the algorithm. Children will use a range of common applications such as Paint, Microsoft Publisher and Microsoft Word with increasing competence as they progress through the key stage.

In Key Stage 2, children will learn to construct programmes for a range of purposes from animating a story to creating a multimedia film using iMovie. They will learn to solve the problems encountered by breaking the projects down into smaller parts and debugging completed code. Children improve their collaboration and team working skills by working together to complete a larger goal. They will primarily be using the Scratch visual programming environment to produce more complex algorithms as they move through school.

Ecclesall pupils will experience using a range of technologies as they progress through the years. Each class has access to iPads, which, due to their portability and multimedia facilities, offer exciting and creative cross-curricular opportunities. Children will be able to create films and ebooks to present their work, compose musical scores and even film green-screen adverts. To enhance the D&T curriculum the children will have the opportunity to work with LEGO WeDo, a computer controlled construction tool, which allows them to see gears, pulleys and levers in action – all run via programmes that they code.

Alongside the fun and awe that these opportunities bring we are mindful to educate EPS pupils of the risks that they might encounter in their lives and a strong and progressive E-Safety thread runs through all aspects of their computing curriculum.



Subject: Computing

Subject Leaders: Matt Griffin & Lois Fairclough

Impact

We believe that we are doing more than teaching a subject: we are equipping children with skills for life as they learn to think in a 'computational' manner, to understand networks, to use a range of technologies and, most importantly, to stay safe and have fun. Additionally, we use computing to deepen children's cross curricular learning by integrating computing skills into topic contexts.

Design & Te

Subject: Design & Technology

Subject Leaders: Cara Chester & Nazma Hanif

Intent

Design and Technology is a brilliant way for children to develop vital skills which are transferrable across the curriculum and important for growth both academically and socially. Through a range of exciting planned tasks children will develop skills of team work, problem solving and resilience. In addition to this it allows children to develop open ended planning and creative thinking through reflective and reciprocal learning.

Implementation

During their time in Ecclesall Primary School children will have the opportunity to develop a range of physical skills which they will build on throughout the years. Children will start to develop these skills as soon as they start school. In Reception continuous provision tasks are carefully selected to allow children to lead their own learning. They have the opportunity to explore a range of different construction resources as well as weekly construction challenges. As children move through school they will reflect on previous experiences of design and technology and take part in different tasks and challenges to progress these skills.



chnology...



Subject: Design & Technology

Subject Leaders: Cara Chester & Nazma Hanif

Impact

in EYFS children are exposed to D&T skills on a daily basis.

During KS1 children will explore the TASC model (thinking actively in a social context) to design and make a range of different products such as cars, a fruit salad, Easter bunny holders and many more. In KS2 children will continue to access a range of exciting opportunities for creative learning, they will use the 'design-make-evaluate' cycle designed by the school to complete both mechanism, food and textile tasks such as phone cases, bread and dips, light up photo frames. We believe that we give children a great range of opportunities in the design and technology curriculum which allows them to leave school with a set of skills that they will carry through their whole school experience and outer school life.

Drama...

Subject: Drama

Subject Leaders: Olivia Haslam

Intent

At Ecclesall Primary School, we hope to provide an environment that encourages children to explore the curriculum and the world around them through a number of different approaches. With the addition of drama into the curriculum, we are able to practically involve children in their learning, while encouraging the development of a range of skills including teamwork, public speaking and understanding others and the world in new ways.

Implementation

We want to engage our children through a broad and balanced curriculum and drama can support this. During EYFS and Key Stage 1, the provision of small world and role-play automatically allows children to be creative in the exploration of different characters and scenarios. As children progress through the school, techniques such as 'conscience alley' and 'freeze frames' encourage children to explore and challenge subjects, such as History, through different perspectives. In English, character thoughts and feelings can be discovered through mime, hot seating and improvisation. Across the school, year groups are given the opportunity to rehearse altogether, learning songs, dances and lines before performing to an audience in festive productions, while Year 6 are given a fantastic opportunity to perform their end of year show in a theatre. Class assemblies are also an excellent way to encourage each class to work as a team to create an informative and engaging performance. We always look for opportunities to enhance the children's learning and so last year, Y3 were lucky enough to revisit their learning of the Egyptians with a morning at the Lyceum Theatre.

'Tell me and I forget, teach me and I may remember, involve me and I learn.' Benjamin Franklin



Subject: Drama

Subject Leaders: Olivia Haslam

Impact

Through the exploration of topics through drama, this can provide children with the opportunity to build their own self-confidence and encourage them to express themselves. We hope that through bringing learning to life in this area of the curriculum, we contribute to the making of creative, confident, co-operative and empathetic individuals who may find a love for the theatre.



English...

Subject: English

Subject Leaders: Nichola Gray, Helena McManus, Faye Pegg

Intent

We aim to encourage a life-long appreciation of the spoken and written word as a means for our children to communicate thoughts, facts and feelings. Across the two key stages, we continue to develop the essential literacy skills of speaking and listening, phonics and spelling, grammar and punctuation, reading and writing. We also aim to promote a love of reading and books within all of our children.

Implementation

Our children are taught how to write in a variety of styles, from fiction and poetry to many forms of non-fiction. Writing topics are built around the teaching sequence of 'Immerse, Analyse, Skills, Plan, Write, Review'. We aim to develop the vital skills of drafting, revising and editing their own work in order to encourage the children as independent learners. The skills in English are also transferred to thematic work in cross curricular topics; this provides a relevance and purpose for the skills that they learn. We challenge all pupils to experiment with their word choices and use an exciting, imaginative and wide-ranging vocabulary in all subject areas.

Classrooms provide a rich reading environment and children have access to a wide range of fiction and non-fiction texts within the classroom, in our school library and around school, including scheme books, print in the environment and e-books (Bug Club website).

We are dedicated to keeping reading as high-profile as possible, with reading workshops, author assemblies, Book Week (coinciding with the national 'World Book Day'), poetry day and author visits arranged throughout the school year.

The process of reading teaching progresses from the decoding of words to the comprehension of texts involving retrieval of facts and inference of ideas; this is achieved through a variety of methods including 1:1 reading, guided reading, book study journals and reading aloud with a partner / group / class.

The key skills of spelling and grammar are developed through the school, ranging from phonics in reception and Y1 to learning rules for spelling and using spelling zappers for statutory word lists for older children as they progress through each key stage.

All children engage in drama, poetry performance / recital and Speaking and Listening opportunities and examine the rich traditions of literature from other cultures.

Children are regularly assessed in all areas of literacy to inform pupils, teachers and parents of their progress. Y6 currently take statutory tests in reading and SPaG and their standard of writing is also teacher-assessed. However, we are constantly tracking children's standards of work alongside these assessment points to ensure that all children make good progress.



Subject: English

Subject Leaders: Nichola Gray, Helena McManus, Faye Pegg

Impact

All children will develop a love of reading.

Our goal is to continually extend every child and to give them a solid grounding in, and an enjoyment of the spoken and written word. We believe the strong foundation we provide in reading, writing, grammar and spelling will underpin our children's future learning and in their ability to communicate in the wider world.



Early Years

Subject: Foundation Stage

Subject Leaders: Nicole Ramsey

Intent

At Ecclesall Primary School we provide an exciting, broad and balanced Foundation Stage curriculum. We ensure we give every child the best possible start to their education and enable our children to develop skills for lifelong learning. A secure and welcoming environment enables each child to flourish as confident individuals. Our curriculum is carefully planned to engage high levels of interest and develop curiosity, knowledge and a love for learning. Experiences are fun, irresistible and challenging.

The seven areas of learning shape our curriculum

The three prime areas are crucial for developing curiosity, enthusiasm for learning and building relationships.

- Communication and language.
- Physical development.
- Personal, social and emotional development.

And four specific areas of learning through which the prime areas are strengthened and applied.

- Literacy.
- Mathematics.
- Understanding the world.
- Expressive arts and design.



Geography

Subject: Geography

Subject Leaders: Marie Goodwin and Marion Earl

Intent

Geography provides a means of exploring, appreciating and understanding the world in which we live, how it has evolved and what it may become in the future. Geography explores the relationship between the Earth and its people through the study of place, space and environment. It contributes to the cultural, social, spiritual and moral life of children as they acquire knowledge of a range of different cultures and traditions, and learn tolerance and understanding of other people and environments.

Implementation

During their time at Ecclesall Primary School children will experience a range of geography topics linked to writing, maths, science, history, art and design technology where possible. Cross-curricular learning builds stronger and deeper understanding in children and geography provides a key medium through which to achieve this aim. Through geography, children gain a broad base of knowledge, facts, vocabulary, real-life experiences and contexts to use for learning. Throughout each topic, there is a balance of practical, hands on learning and written recording of knowledge. Topics range from learning about the seasons and weather, features in the local area and the buildings that surround them, looking at contrasting locations around the world e.g. Africa, mountains and volcanos and exploring the issues surrounding how and why our natural environment is changing and what this might mean for the future. Enquiry is a key approach in geography. Visits and fieldwork are an essential part of the geography curriculum helping to develop geographical enquiry and skills. Any visits are well organised, risk assessed and provide a stimulating and valuable experience. Children will develop the geographical skills, including how to use, draw and interpret maps of different scales and the vocabulary necessary to carry out effective enquiry.



History...

Subject: History

Subject Leaders: Marie Goodwin and Marion Earl

Intent

History is about real people who lived, and real events, which happened in the past. History is concerned with sequence, time and chronology and is the study of evidence about the past. We aim for a high quality history curriculum which should inspire in pupils a curiosity and fascination about the past in Britain and the wider world. Children will consider how the past influences the present, what past societies were like and which beliefs and cultures influenced people's actions. As they do this, children develop a chronological framework for their knowledge of significant events and people.

Implementation

During their time at Ecclesall Primary School children will experience a range of history topics linked to writing, geography, art and design technology where possible. Links between subjects give children a broad base of knowledge, facts, vocabulary, real-life experiences and contexts to use for learning. Throughout each topic, we ensure a balance of practical, hands-on learning and written recording of knowledge. We carefully plan to include opportunities to ask as well as answer historical questions, to find evidence, weigh it up and reach their own conclusions. Children will experience visits to museums and places of interest, visitors who talk about personal experiences of the past and complete fieldwork by interviewing family and older friends about changes in their own and other people's lives. Children will use non-fiction books for research, look at photographs, videos and be able to handle artefacts whenever possible.



Maths...

Subject: Maths

Subject Leaders: Kath Marlow and Amy Woodhouse

Intent

Across the Primary School, maths will involve fun, exciting and challenging activities. Many opportunities are created for child led hands on practical experiences which aim to help children to relate maths to the real world.

Implementation

In order to support learning, all children, in all years will be encouraged to use concrete practical materials and pictorial resources before moving on to more abstract concepts. There is equipment available in all classes which include Numicon, Dienes rods, unifix cubes and place value counters which all support the teaching of place value and calculations. Children will be taught in a variety of ways and expected to work independently, in pairs and in groups to encourage collaborative learning especially with problem solving. This also helps to develop children's confidence and team building skills. We follow a programme of study that encourages the use of progression in skills from fluency and reasoning to problem solving involving the concepts that are being studied.

Children will cover all the concepts required by the Maths National Curriculum which include place value, number, shape, measures, geometry, statistics, algebra and ratio and proportion. Parents and Carers will be informed, via a curriculum letter, which concepts will be taught each half term.



MFL...

Subject: Modern Foreign Languages

Subject Leaders: Anna Ramshaw

Intent

At Ecclesall Primary we aim to foster a love of learning languages and an appreciation of, and respect for, other cultures. Children are given the exciting opportunity to learn French and discover French culture during their time at Ecclesall. Through engaging games and activities (which lend themselves naturally to language learning) children will each year further develop the four key skills: listening, reading, writing, and speaking. Through regular repetition and practise, children learn to communicate simple ideas orally, with appropriate pronunciation; write phrases and short sentences from memory; develop an understanding of basic grammar and express some ideas in writing. We focus on building a good, solid language foundation for the children by mainly teaching French.

Implementation

Even though learning a language is only compulsory from Year 3 upwards, children at Ecclesall Primary are introduced to some informal learning in the years before this. Enjoyable activities include singing, simple story-telling, counting, colours and greetings in French. There is also a very popular lunchtime French club for children in KS1.

From Year 3, children will listen and begin to join in with everyday words and phrases such as classroom instructions. They learn how to have basic conversations in French with each other, sharing ideas and opinions as well as being able to ask and answer questions about themselves. Children explore the patterns and sounds of French through stories, songs, rhymes and games in a fun and engaging way.

French is taught through interesting and relevant topics including greetings, numbers, age, animals, parts of the body, food, sports, clothes, weather, hobbies – all which broaden their vocabulary and develop their ability to understand new words.

As they move up from Year 3, children will see much more of the written language and build on their early skills, allowing them to speak, write and listen with much more skill. By Year 6, children have a firm grasp of basic French grammar and a much wider vocabulary.

Children at Ecclesall are fortunate enough to practise their language skills further with our link school, Les Pres Verts Primary School in Normandy. Direct contact with native speakers is the most engaging and interesting way of learning about a different culture.

Through Erasmus+ funding, many of our staff have visited France to learn effective ways of teaching French and improving their own language skills whilst gaining a valuable insight into French culture.

Music...

Subject: Music

Subject Leaders: Cat Sutcliffe

Intent

Music at Ecclesall Primary offers children the opportunity to explore a range of musical experiences through performance, listening, reviewing and evaluating music from around the world. We also learn to sing as groups and individuals to a performance standard and create and compose music using instruments and technology. There are many opportunities for children to learn a musical instrument both in a class situation and through our many peripatetic teachers or be a part of a musical group such as choir and recorder group.

Implementation

During their time in school, children will have the opportunity to listen to performances by amateur and professional musicians both in school and in other venues around the city. Throughout the year, we have many performers who come into school and we encourage children to perform to each other with their compositions or songs they have learnt in class or with their year group. We also allow children who have music lessons a chance to perform to their peers during assemblies or in their class. Community links are also important to us, so our children may also perform at outside venues either as year groups or in smaller groups such as our school choir. Listening is another important part of the music curriculum and therefore we offer children opportunities to visit venues outside of school to hear performances by professional musicians. We have close connections with the Sheffield Music Hub who offer us support and many opportunities that we take advantage of as much as possible. One such opportunity is our Out of the Ark project which has given us access to over a 1000 songs to boost our children's singing opportunities and raise the profile of music in classroom.





Subject: Music

Subject Leaders: Cat Sutcliffe

Impact

We aim to provide a music curriculum that engages and inspires children to have a love of music and allows their skills as musicians and performers to be developed. Allowing them to increase their creative skills and self-confidence. Over the last few years, it has become apparent how important music is to children's development. Current research shows that "music can play a role in the reduction of stress and anxiety and can enhance children's performance in all subject areas". This is why we believe that musical skills need to be nurtured in our children.



Outdoor Ed

Subject: Outdoor Education

Subject Leader: Guy Willatt

Intent

Outdoor Education is a purposeful and planned experience in the outdoors. It will include discovery, experimentation, learning about and connecting to the natural world, and engaging in outdoor sports and adventurous activities. Outdoor learning is used for academic, social, mental health, wellbeing, and interaction with others.

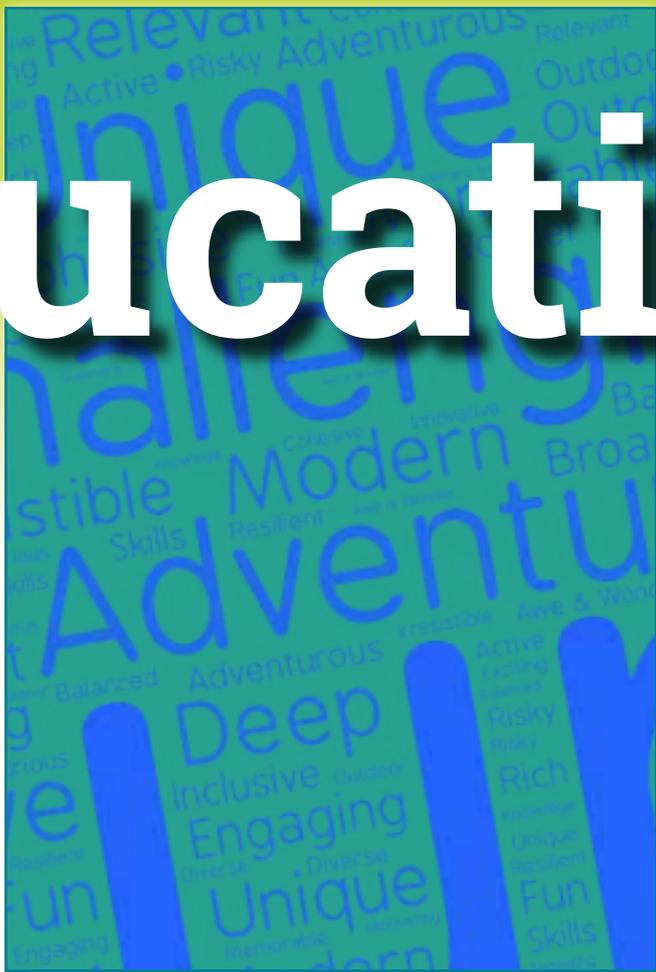
Implementation

During their time at Ecclesall Primary School children will experience a range of opportunities to learn in the outdoors. These vary from completing a Maths trail in the school grounds to exploring habitats in the wildlife garden, Den Building using the scrap store playpod and outdoor Physical Education lessons. Local visits to the farm or Supermarket or places of Historical/Geographical or ecological areas of interest are included in the Outdoor Education programme. Outdoor learning may also include team building activities in the local Peak District and Adventurous activities as part of residential visits increasing in challenge in terms of duration, distance from home and expectations as the children grow older.

Experiences are led by a teacher, an instructor or leader and can be provided for an individual or group. All outdoor activities are carefully and thoroughly Risk Assessed by staff and approved by the Head teacher or the Local Education Authority for more adventurous activities.



Education...



Subject: Outdoor Education

Subject Leader: Guy Willatt

Impact

Time spent in the outdoors is designed to enhance the learning of all children and is often based around activities that cannot be carried out in the classroom environment. Outdoor Learning helps children of all ages, backgrounds and abilities reflect and learn about themselves, each other and their environment. Children are encouraged to develop a risk-taking mentality (physical, social and mental) and to use the experiences and feelings they have had in outdoor situations to challenge themselves in their classroom based learning too.



Physical Education

Subject: Physical Education

Subject Leaders: Alistair Stedman, Gemma Curtis & Tom Tague

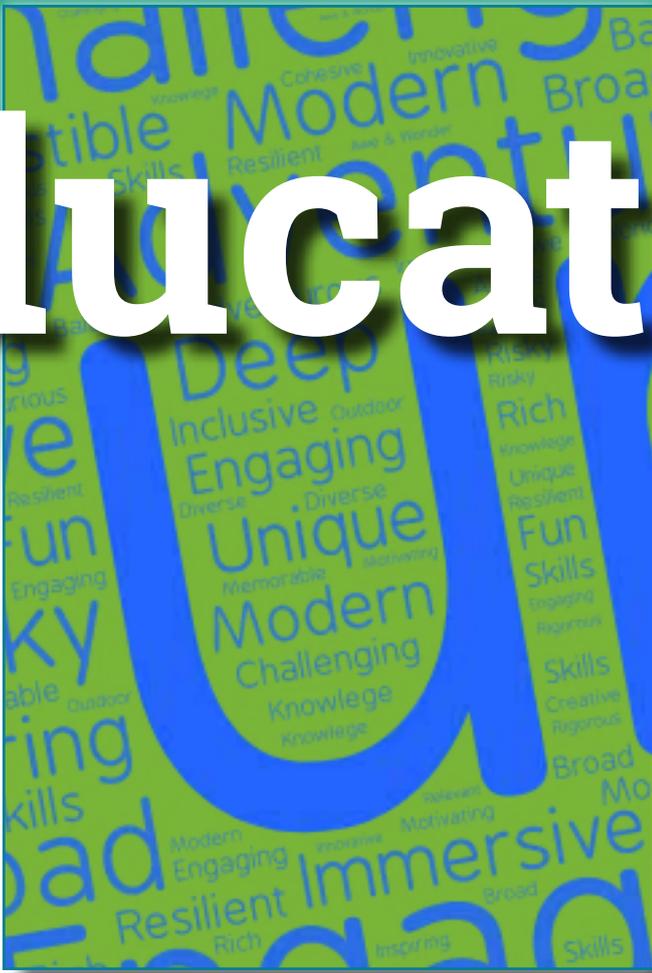
Intent

At Ecclesall Primary School, we believe that Physical Education experienced in a safe and supportive environment plays a vital part in the development of the whole child. Being active as often as possible (both in P.E lessons and during break/lunchtimes) is at the forefront of our battle against ever-growing issues with obesity in the UK. We believe that instilling a love and knowledge of exercise, games and all things active is an integral part of setting up each and every child to have a healthy and balanced lifestyle.

Implementation

We provide opportunities for children to develop their physical literacy through building their physical co-ordination, fitness, swimming ability, knowledge and understanding, confidence and social skills. We enable children to achieve this through a range of individual and team activities, both competitive and cooperative. As well as PE lessons, children at Ecclesall Primary School will have the opportunity to work with professional coaches and participate in a range of sporting events, both in-school and city-wide across Foundation Stage, Key Stage 1 and 2.

Education...



Subject: Physical Education

Subject Leaders: Alistair Stedman, Gemma Curtis & Tom Tague

Impact

We aim to promote the pleasure and enjoyment that can derive from physical activity, to enable children to lead a healthy, active lifestyle for the rest of their lives. We aim to provide all children with a minimum of 2 hours guided active provision each week and hope to provide them with experiences in a range of different activities and sports. We then hope that children will build on these experiences by taking opportunities outside of school with local sports clubs; information about the availability of these clubs and how children can join these will also be promoted within school.

PSHCE...

Subject: PSHCE

Subject Leaders: Sallyann Raynor

Intent

PSHCE is an exciting subject that enables our children to grow and develop effectively as human beings and to understand themselves in relation to others and the wider world. At Ecclesall we aim to help our pupils develop the knowledge, skills and attributes they need to manage their lives, now and in the future.

Implementation

The approach we take as a school is through organised teaching as well 'organic moments'. The former is delivered through key topics which are diverse and motivational. Current topics touch on understanding about risk taking, knowing how to be safe online, thinking about the qualities of a good leader and knowing how to handle money - to name but a few!

Incidental 'moments' where staff capitalise on an incident or discussion are paramount to our approach and are seized upon readily. PSHCE sessions are intrinsically motivational for children. Young people innately enjoy talking, pondering, and contemplating the big questions of life because that is how they formulate their own opinions and inform their actions.

In addition, our assemblies follow a whole school programme of 'Values Education' which explores a range of themes such as Honesty or Determination.

Circle times provide a safe and secure place in which children can share ideas and experiences, knowing that all the while they can change their ideas and evolve as people. They are not yet the finished article and understanding this, is empowering for our future citizens.

As the children move through school the depth of discussion, the subjects covered and the success at independent self-management are all further developed.



Religious E

Subject: Religious Education

Subject Leaders: Natalie Jellings

Intent

Religious Education provides an opportunity for children to pose challenging questions about meaning and purpose in life, beliefs about God, issues of right and wrong and what it means to be a human. Teaching RE allows our children to gain a deeper understanding of a variety of different people's views and opinions, exposing our children to other ways of thinking and living. It enables all children to take part positively in our society, which is diverse in religions and world views.

Implementation

At Ecclesall Primary School, we aim to develop each child's self-awareness, relationships with and respect for others, whilst fostering an appreciation of the ways in which significant experiences of life are expressed through celebration, ritual and symbol. The children learn about different religions that they will find in the wider community that they live in and the rest of the world. Within each year group, the teaching begins with the children sharing their own thoughts and values that they already have. The children have opportunities to develop their own enquiry skills and answer 'how' and 'why' questions related to other religions and ways of life. Throughout the key stages the subject content becomes progressively more demanding as the children build upon their analytical skills by comparing how people are the same and different within our society and the rest of the world.

The children have opportunities to bring in "show and tell" items, which relate to their own celebrations and they visit different places of worship throughout their time at Ecclesall Primary School. We always encourage visits to the school where people of different walks-of-life are able to share their personal experiences and faiths with the children.

Education...



Subject: Religious Education

Subject Leaders: Natalie Jellings

Impact

This strand of exploration and questioning enables the children to experiment with other ways of life and shape their own values and beliefs. Teaching RE at Ecclesall Primary School we aim to create respectful children able to accept other peoples beliefs and ways of living and to disagree respectfully. The children are encouraged to develop enquiring minds, and to think rigorously, creatively, imaginatively and respectfully about their ideas in relation to religions and world views.

Science...

Subject: Science

Subject Leaders: Helen Biggs & Sarah Southern

Intent

At the heart of our Science curriculum is the idea that 'Science is Everything' and how it affects every aspect of our lives and the world around us from the food that we eat to the stars in the sky. Children are encouraged to develop their understanding of this idea through questioning, discovery and a 'hands on' practical approach to learning. Science allows children to develop an understanding of the world around them and helps them to develop a sense of excitement and curiosity.

Implementation

Throughout their school careers, children are given the opportunity to explore and question how the world around them works and to experience and lead different types of scientific enquiry. Science teaching takes place through a cross-curricular approach and involves making links and developing a questioning approach to topics.

From reception through to year six the children will be given the opportunity to develop their scientific knowledge and skills through imaginative and thought provoking topics including Plantastic (plants), The School of Medicine (Humans), Seeing is believing (Light) and The Sorcerer's Apprentice (Solids, liquids and gasses). Science subjects are revisited during every pupil's journey through Ecclesall Primary in a variety of ways in order to allow an opportunity to apply and build on previously learnt skills and develop a progression of knowledge and skills.

Experiencing science in action is key to both children's knowledge, understanding and enthusiasm. To help inspire our pupils, learning also often takes place through active participation in outdoor visits and real life experiences, such as pond dipping, magic shows and visits (e.g. The Yorkshire Wildlife Park). We hold an annual Science week in which every year group participates in investigations and workshops across a wide variety of scientific topics. We warmly welcome a number of visitors into school who share their expertise including vets, doctors, robotic engineers, dentists and astronomers.

