



**Reaside  
Academy**

Learning and Achieving Together

## **Curriculum at Reaside Academy**

Below is a summary for each subject of the National Curriculum that we teach at Reaside. If you would like to find out more about any of the subjects, please do not hesitate to contact us.

### **English**

Developing a love for reading is at the heart of our English curriculum in both writing and reading sessions. We take a whole class approach to reading, exploring a number of texts each year that both reflect our children's lived experiences and help develop empathy towards others.

All children are expected to read 100 words per minute from an age-appropriate text, and will be supported through the RWI programme until they are fluent readers.

In writing we use the Write Stuff Approach so that the mechanics of writing are taught explicitly. We actively develop our children's vocabulary and grammatical knowledge so that they are able to write for the reader. Children write for a range of purposes and audiences throughout the year and are given the opportunity to publish their work and share it outside of the classroom.

### **Maths**

In Maths our aim is to create great mathematicians who can approach mathematical problems with confidence. We follow the White Rose scheme of work and enhance the children's learning by using manipulatives and strategies to help the children solve their mathematical problems independently. Mathematical vocabulary is at the centre of our Maths lessons and the children are given plenty of opportunities to talk about their understanding. This year we are beginning to use the Mastery Maths approach, ensuring that the children grasp a good understanding of what they are being taught, and a variety of resources are used to enable this. Varied questions are provided for the children, focusing on their fluency, reasoning and problem solving, with all of these types of questions giving the children the opportunity to share their understanding and to embed their learning.

Arithmetic is a focus within our maths lessons, giving the children the opportunity to use a variety of mental maths strategies and to build on their previous learning. Alongside this, retrieval questions are used at the start of each maths lesson, to give the children the opportunity to recall their learning, from the current unit of work as well as units taught previously.

Times tables is an area of learning that we encourage at Reaside to prepare the children for their MTC (Multiplication Tables Check) at the end of year 4, as well as enable them to approach a variety of mathematical problems. We believe that having times tables knowledge is invaluable and a skill that is needed throughout a child's education.

## **Science**

At Reaside it is our intention to enthuse, inspire and engage the next generation of scientists through a challenging, explorative and practical science curriculum. We aim to provide a high-quality science curriculum which provides strong foundations for understanding the world through the key scientific principles of Biology, Chemistry and Physics. Science has changed our lives and is vital to the world's future prosperity, and our curriculum aims to teach all pupils essential aspects of the knowledge, methods, processes and uses of science.

We follow the Developing Experts scheme of learning and our goals are that all pupils will develop scientific knowledge and conceptual understanding through the specific disciplines of biology, chemistry and physics in KS2. We want them to develop their understanding of the nature, processes and methods of science through different types of scientific enquiries that can help them to answer scientific questions about the world around them and be equipped with the scientific knowledge required to understand the uses and implications of science, today and for the future.

## **Theme**

Your child will be taught a curriculum that is rich in both history and geography. They will journey through thousands of years of history, learning about various ancient civilisations from across the globe. They will explore cultures that span centuries and along the way, develop both historical and geographical skills that will see them become adept at thinking and working within those disciplines. The knowledge your child acquires through their theme lessons will be both 'fact based' and 'skills based', this will see them use their 'facts' and apply them to various questions which will challenge them to compare and contrast, evaluate and much more!

## **Being a Historian**

When your child is 'being a historian' they will look to use the knowledge they have gained to complete various tasks that will both further embed their learning and new skills. They will develop an understanding of when civilisations existed and when events took place relative to each other. They will be able to compare knowledge across topics and offer a description of similarities and differences. Children will then be able to put forward their own point of view like a real historian would!

## **Being a Geographer**

Geography will go hand in hand with History, whereby they will look at an area of the world related to their history topic. This will provide the children with key contextual information, as they will not only know when things happened, but where. Children will be taught to locate places around the world, using a compass and grid references to help them. They will also explore both human and physical geography globally alongside a focus on the local area. The knowledge gained will also be used to make deductions about the geographical, industrial and the landscape features of places around the world.

## **PE**

PE at Reaside Academy is an opportunity for children to develop their skills, fitness and team work. Children will experience a wide range of sports and will have chance to build upon their skills in some sports and activities across the year groups. We follow the PE Hub scheme, which enables teachers to guide learners using expert videos and resources to ensure PE and being active is a major focal point of their schooling at Reaside Academy.

## **Music**

At Reaside Academy, we provide a high-quality music education which enables children to develop a love of music whilst increasing self-confidence, creativity and a sense of achievement. Our aim is to provide a high-quality music education that engages and inspires pupils to develop a love of music and nurtures their talent as musicians.

Through our scheme (Charanga Musical School) and topic work, pupils have the opportunity to perform, listen to, review and evaluate music across a range of historical periods, genres, styles and traditions. They learn to sing and to use their voices, to create and compose music on their own and with others and also have the opportunity to learn a musical instrument in each year group.

## **Art**

Our Art curriculum aims to inspire and challenge pupils, whilst equipping them with the knowledge and skills to be able to experiment, invent and create their own works of art. As pupils progress, they should gain a deeper understanding of how Art and Design reflects and shapes our history, and how it contributes to the culture, creativity and wealth of our world. The medium-term plans encompass progression in the key skills of Art and Design and have been written to complement our Theme curriculum.

## **Design and Technology**

At Reaside Academy, we aim to inspire pupils to be innovative and creative thinkers who appreciate Design and Technology. We encourage children to challenge themselves through drafting design concepts, modelling, testing and developing the skills to be able to evaluate effectively to ensure their progression of skills in the subject. As a school we follow the Kapow Primary scheme of work which supports the development of these skills in Design and Technology. Through the Kapow scheme, the children will build an awareness of how Design and Technology can impact our everyday lives and encourage children to be more resourceful, enterprising citizens who will have the skills to contribute to future design advancements. Kapow Primary's Design and Technology scheme, enables children to meet the end of year key stage attainment targets set out in the National Curriculum

## **Computing**

Computers are now a key part of children's everyday lives at both home and school. It is our intent that children will leave Reaside not just confident using a range of devices and applications but also with an understanding of how they work. As children's lives increasingly move online, we want the children to know how to keep themselves safe and how to make the most of the digital tools at their fingertips. We want to kindle in the children a knowledge and enjoyment of computer science and STEM learning which they can take forward into their future learning. We understand the immense value technology plays in supporting the Computing Curriculum and other curriculum subjects. We follow the Purple Mash scheme of learning which incorporates elements of coding, online safety, spreadsheets, touch typing, animation, LOGO and blogging across KS2.

Online safety is very important at Reaside. We ensure this profile is maintained and that pupil needs are met by providing a relevant up-to-date online safety curriculum which is progressive from Year 3 to the end of Year 6.

## **Spanish**

Spanish is a weekly part of the curriculum and gives children the chance to learn about another language as well as look at different parts of Spanish culture and the wide variety of countries where they speak it. We use the Language Angels scheme which provides the expertise as well as giving the children plenty of opportunity to practise reading, speaking and listening to the Spanish language.

## **PSHE**

Weekly PSHE sessions will provide your child with a safe environment to learn and share personal, social and health related topics, including Relationship and Health Education and our position on Sex Education with their teachers, support staff and peers. We recognise the importance of providing our children with regular sessions to discuss and listen to one another and share their thoughts and feelings of relevant topics to ensure any misconceptions are addressed and that their safety and knowledge is a priority. We will do this through the scheme of Jigsaw. Please see our updated policy for further information.

## **RE**

We recognise the importance of providing children with a knowledge of religion and spirituality. We teach RE through the scheme of Discovery RE, and ensure that a variety of religions are taught throughout children's journey at Reaside. Where possible, religious visitors are organised and the children have the opportunity to discuss their thoughts and ask any questions they might have. We are also keen to take our pupils to visit religious places of worship, and it is in our plans that children will visit a place of worship at every year they progress through Reaside.