



English, Maths, Science

Subject Intent Statements

Achievement, Ambition, Collaboration

Maths

Our intent for Maths at Richardson Dees is to inspire a deep understanding and love of the subject, fostering a sense of **achievement** and **ambition** in every child. We aim to equip pupils with the mathematical skills and confidence they need to solve problems, think critically, and apply their knowledge in real-world contexts.

Learning is carefully sequenced to manage cognitive load, ensuring that concepts are broken into manageable steps and built upon securely over time. Scaffolds are gradually removed so that children develop independence, resilience, and the confidence to take ownership of their learning.

Through a **collaborative** approach to learning, we encourage teamwork and peer support, helping pupils to share ideas, learn from one another, and grow together as mathematicians.

We also provide opportunities to explore mathematics in the wider world and through careers-related experiences, showing pupils how maths is used in everyday life and across a broad range of professions. Our goal is for every child to reach their full potential, developing both fluency and reasoning skills, while nurturing a mindset that embraces challenges, values effort, and celebrates success.

English

Our intent for English at Richardson Dees is to foster a love of reading and writing, empowering every child to become a confident, creative communicator. We aim to ignite **achievement** and **ambition** by providing a rich and varied curriculum that challenges pupils to engage with a wide range of texts and develop their own writing skills across different genres.

Through carefully sequenced teaching, we ensure that learning is broken down into manageable steps, reducing cognitive load so that children can build secure knowledge and skills over time. By providing the right level of support and gradually removing scaffolds, we foster independence, enabling pupils to take ownership of their learning and grow in confidence as readers and writers.

High-quality texts are at the heart of our curriculum, broadening vocabulary, deepening understanding, and nurturing an appreciation of literature. Speaking, listening, reading, and writing are woven throughout all areas of learning, equipping pupils with essential skills to succeed both academically and personally.

Collaborative learning encourages children to share ideas, explore different viewpoints, and support one another, while also developing resilience and self-reflection. We believe that every child should encounter texts that both represent their own experiences and open windows to new perspectives and cultures.

Our goal is for every child to develop a lifelong passion for literacy, achieving their personal best while building the independence, clarity, and creativity to *Walk Tall* in an English lesson.

Science

Our intent for Science at Richardson Dees is to spark curiosity and inspire a lifelong passion for scientific discovery. We aim to foster achievement and ambition by providing pupils with hands-on experiences and opportunities to explore, investigate, and understand the world around them.

Through carefully planned learning experiences, we help children to see the relevance of science in their everyday lives and in the wider world. We provide opportunities to learn about careers in STEM, showing pupils the wide range of future pathways that science can open, and actively challenge stereotypes so that every child feels science is for them.

Collaborative learning is central to our approach: pupils are encouraged to work together, share ideas, and problem-solve as a team, building both their scientific knowledge and interpersonal skills. By nurturing curiosity, resilience, and critical thinking, we empower children to ask meaningful questions, explore solutions, and develop independence as young scientists.