

## Maths Curriculum Intent

### “We are Proud”



The primary intent of our maths curriculum is to cultivate real mathematicians who are able to communicate, reason and collaborate. Our curriculum promotes enjoyment, curiosity and deep understanding, enabling all pupils to develop their confidence in mathematical thinking. We recognise maths is a fundamental life skill and the gateway for aspiration and opportunity.

#### To this aim, our maths curriculum is designed to:

- Develop successful, aspirational life-long learners who enjoy mathematics, strive to make progress and achieve their best.
- Ensure pupils thrive academically, leaving Newlands numerate, articulate and confident in applying mathematical skills across a wide range of contexts.
- Support all learners through adaptive teaching, ensuring lessons are inclusive and accessible for every child.
- Recognise maths as a core skill that underpins learning across the entire curriculum and impacts the acquisition of knowledge in all subjects.
- Nurture confident individuals who are able to lead safe, happy, healthy and fulfilling lives, now and in the future by exploring the use of mathematics in the wider world and understanding how it underpins everyday life.
- Encourage pupils to become respectful, kind and active adults who are compassionate, open-minded, supportive and accepting of others by valuing ideas during discussion and promoting an environment where every contribution is celebrated and respected.
- Create responsible citizens who make a positive contribution to their school, their community and the wider world through core values, ensuring children are compassionate, open-minded, supportive and accepting of others by embedding collaborative problem solving, group discussion and peer learning.
- Enable children to acquire a broad and rich vocabulary through purposeful exposure to challenging and engaging mathematical concepts, enhancing their spoken and written language skills.
- Prepare children for a rapidly changing world of future challenges, new technologies and global awareness by applying their mathematical knowledge in real-life and cross-curricular contexts, strengthening problem-solving skill and reinforcing the relevance of maths across subjects.
- Shape active and creative minds with the ability to think critically by the creation of oracy-rich classrooms and fostering a supportive and inclusive environment, where communication, collaboration and critical thinking are integral to learning.
- Give pupils the courage to act on their beliefs, showing grit, determination, independence and the ability to overcome challenges with resilience by designing lessons which embrace risk-taking, encourage pattern seeking, contain collaborative discussion and normalise learning from mistakes.

**Pride will be displayed in all we strive to achieve**  
**Personal development is at the heart of our curriculum**  
**We prepare for possibilities, hopes and dreams**  
**Success for today, ready for tomorrow**