Computing Curriculum Intent

"We are Proud"

Health & Wellbeing	Environment	Global Community	Creativity	Possibilities

The intent of our computing curriculum is to ensure that we keep pace with the rapid evolution of technology whilst better preparing our children for an increasingly digital world. This focus is driven by the need to equip our children with the essential skills for future learning and employment, where 90% of jobs are projected to require digital competency, and to ensure they become responsible, competent, and safe users of technology.

To this aim, our Computing curriculum is designed to:

- Develop successful, aspirational life-long learners who strive to make progress and achieve their best.
- Ensure pupils thrive academically, leaving Newlands equipped with the computing skills, knowledge and abilities needed to access future demands.
- Support all learners through adaptive teaching, ensuring lessons are inclusive and accessible for every child.
- Recognise computing as a multi-faceted subject 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 producing well rounded and knowledgeable users who understand what it takes to be a safe and responsible online citizen.
- Encourage pupils to become respectful, kind and active adults who are compassionate, open-minded, supportive and accepting of others by instilling a clear understanding of their current and potential digital footprint including the impact this could have upon future life choices.
- Create responsible citizens who make a positive contribution to our school, our community and the wider world through core values embedded within the computing curriculum.
- Enable children to acquire a broad and rich knowledge base through purposeful exposure to challenging and engaging curriculum content, enhancing their ability to manoeuvre the potential challenges of online spaces.
- Prepare children for a rapidly changing world of future encounters, new technologies and global awareness by keeping up to date with the newest challenges and opportunities.
- Shape active and creative minds with the ability to think critically by encouraging children to analyse what they view with an increasingly critical mindset whilst valuing the opportunities that creativity can bring.
- Give pupils the courage to act on their beliefs, showing grit, determination, independence and the ability to overcome challenges through resilience by exposing them to people who have made a significant and life changing contribution to the way we use technology today and in the future.

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