



# Burnopfield Primary School

## Computing Policy



*'To inspire, challenge and care'*

### Teaching and Learning Drivers

***Growth Mindset***

***Respect***

***Well-being***

### Curriculum Drivers

***Inspirational People***

***Adventure***

***Aspiration***

Our Computing Curriculum is separated into three strands: Information Technology, Computing and Digital Literacy

Information Technology		
Intent	Implementation	Impact
In our ever-changing world, we intend to equip our children with the necessary skills to use technology safely and efficiently.	Using technology purposefully to create, store, retrieve and organise digital content, through the use of Google Classroom  Use search technologies effectively  Collect, analyse and evaluate data.  Provide children with access to a range of devices such as iPads and Chromebooks to allow them to design and create content.	Children will be confident in the use of a range of devices, preparing them for future education and the world of work.  Children will be able to make informed decisions about how to access, evaluate and present information.

Computing		
Intent	Implementation	Impact
Provide children with age appropriate challenges within coding to encourage logical reasoning and problem solving skills	Introduce coding from EYFS through the use of Code-a-pillar and Bee-Bots and extend learning year on year with the introduction of further coding challenges such as Scratch, Kodu, Microbits	Children will understand algorithms and be able to explain how algorithms work.  Children will be able to apply their knowledge of coding in a range of practical contexts.
Digital Literacy		
Intent	Implementation	Impact
Ensure that the safe use of technology and the internet is consistently promoted throughout school	Online safety taught an age appropriate level following <a href="#">DfE guidelines</a> . Use a range of online safety resources to instill an appreciation for the need to embrace technology but also acknowledge the dangers.	Children will be equipped with the knowledge to use technology responsibly and safely both in school and out.  Children will be confident to know where to seek help if they find something worrying or concerning.