

## CURRICULUM STATEMENT: **COMPUTING**

### **Intent: what we are trying to achieve with our curriculum**

Technology is an every day part of life. At Acre Rigg Infant School we aim to equip our children with fundamental skills which prepare them for a future which is shaped by technology.

With this in mind, children will :

- use technology safely, responsibly and respectfully.
- be inspired to use technology to create digital content that follows their own interests.
- use logical and computational reasoning to program robots or apps and to problem solve when needed.
- be able to evaluate the usefulness and appropriateness of a source when searching online.

### **Implementation: how we deliver our curriculum**

Our curriculum is largely focuses around 3 key areas:

- **I.C.T. Skills:** using IT purposefully and creatively to create content.
- **Computer Science:** developing computational thinking and programming skills.
- **Digital Literacy:** using the internet safely.

We are committed to ensuring all children have full access to a high-quality computing education. We have a dedicated ICT Suite which each class is timetabled to use each week. In addition, the school also makes use of the shared iPads, which can be used within lessons or as part of group work.

Our scheme of work is largely cross curricular, using the topics in class as a purpose for creating content. It uses resources from CAS Barefoot and Common Sense Media and builds on children's previous learning and knowledge.

In Key Stage 1, we offer children continuous provision on an afternoon so children can use computers and iPads to follow their own interests.

We participate in Internet Safety day, making good use of yearly themes to raise the profile of different aspects of Internet Safety. This message is reinforced with advice on keeping children safe online by being shared on the school Facebook page.

Websites and useful apps are shared with parents so that children can use these at home to further their learning.

In addition to discrete Computing lessons, after-school clubs regular feature a Computing or iPad club.