

## What does Computing look like at Preesall Fleetwood's Charity?

We believe that an engaging and motivating Computing curriculum will enable our learners to:

- Use computational thinking and creativity to understand and change the world.
- Make deep links with mathematics, science and design and technology.
- Build knowledge of principles of information and computation, how digital systems work, and how to put this knowledge to use through programming.

'Computers themselves, and software yet to be developed, will revolutionize the way we learn'  
(Steve Jobs)

## What do we learn?

At Preesall Fleetwood's Charity our curriculum is informed using the Lancashire Medium Term Plans, Purple Mash and Rising Stars.

We aim for our pupils to:

- Develop computing skills, knowledge and understanding
- Develop an understanding of the wider applications of computer systems and communication technology in society
- Develop independent and logical thinking through reasoning, decision making and problem solving
- Develop imagination and creativity
- Work independently and collaboratively

## Our School Vision:

"You are the light of the world. A school that stands on a hill cannot be hidden". (Adapted from Matthew 5:14)

## Why is Computing important?

Computers are now part of everyday life. For most of us, technology is essential to our lives, at home and at work. 'Computational thinking' is a skill children must be taught if they are to be ready for the workplace and able to participate effectively in this digital world.

'Computing is really great, because we can use Word, Powerpoint and Scratch to create exciting things.'  
(Year Six Pupil)

# Computing



## How we facilitate the delivery of the Computing curriculum.

At Fleetwood's Charity School we are well resourced, with computing equipment. All KS2 classrooms having their own bank of laptops with Year Six having their own individual laptop. In KS1, the children have access to both a range of ipads and laptops. There is also a central bank of ipads for all children to access. This enables the staff to not only deliver the Computing curriculum, but also to provide a wide range of cross-curricular opportunities. The school's internet access is monitored and filtered through Lancashire Education Authority, and technical support is provided by Virtue Technologies.



By the end of KS1 and KS2, each child should...

**KS One** - Children should understand simple algorithms and be able to debug simple programs. They should be able to use technology purposefully, recognise the uses of technology outside school and use it safely and respectfully.

**KS Two** - Children should be able to design, write and debug programs. They should use sequence, selection and repetition and work with variables and various inputs and outputs.

They should select and use a range of programs and digital devices to accomplish given goals.

They should use technology safely, respectfully and responsibly and be discerning in evaluating digital content.