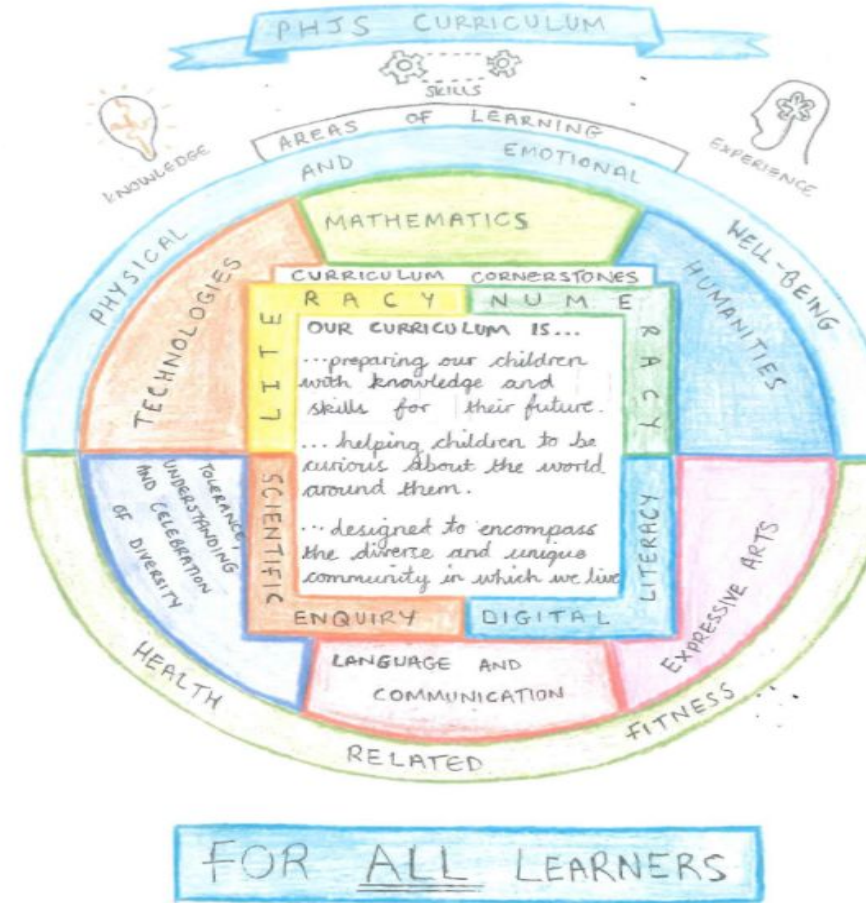# Computing Vision

At PHJS, we aim to prepare our learners for their future by giving them the opportunities to gain knowledge and develop skills that will equip them for an ever changing digital world.

# Digital literacy

Improve and increase digital literacy for all groups of pupils to enable proficiency in use of computing skills across the curriculum.

# Intent

The subject of computing develops different types of skills in children…

- We aim to provide an exciting, rich, relevant and challenging Computing curriculum for all pupils.
- Teach pupils to become responsible, respectful and competent users of data, information and communication technology.
- Provide technology solutions for forging better home and school links.
- To teach children how information is used, stored, created, retrieved, shared and manipulated.
- Our intention is that Computing also supports children's creativity and cross curricular learning to engage children and enrich their experiences in school.

# Implementation

We teach the National Curriculum, supported by a clear skills and knowledge progression. This ensures that skills and knowledge are built on year by year and sequenced appropriately to maximise learning for all children. We use a combination of G-suit, LGfL and code club to achieve this.

Children learn to be digitally literate, to communicate and collaborate effectively using web tools and to search and interrogate information.

To ensure a broad range of skills and understanding, Computing is taught across three main strands: digital literacy, computer science and information technology.

Online Safety also forms part of the Jigsaw (PSHE curriculum) and is reinforced whenever technology is used.

# Impact

When children leave PHJS, they are competent and safe users of ICT with a sound understanding of how technology works.

They will have developed skills to express themselves, be creative in using digital media, and be equipped to apply their skills in Computing to different challenges as they move on through their education.