Subject Vision: Computing

What do we love about our subject?	How do we want our pupils to talk about our subject?
We live in a world that is increasingly dependent on technology. It has become integral to everyday life. Computing allows pupils to think strategically about complex multi-step problem solving. It allows them to genralise and abstract. Pupils can use it to express themselves online in a variety of ways, becoming digitally literate. Computing is vital for the future workplace as active participants in a digital world.	At All Saints we want pupils to: have a love of computing understand the benefits and the risks of technology. know how to take care of themselves online. be confident, independent, able to plan, design, create, program and evaluate. use computing independently to support their learning be creative and express themselves through the use of technology
What are some of the big ideas in our subject? (NC Aims & school aims?)	**What are some of the things we would love to teach in this subject?**
National Curriculum To ensure that all pupils • can understand and apply the fundamental principles and concepts of computer science, including abstraction, logic, algorithms and data representation • can analyse problems in computational terms, and have repeated practical experience of writing computer programs in order to solve such problems • can evaluate and apply information technology, including new or unfamiliar technologies, analytically to solve problems • are responsible, competent, confident and creative users of information and communication technology Online Safety-link to our school aims Use across the curriculum Inclusive	Robotics Green Screen technology-more! Digital Leaders Programme