

ICT



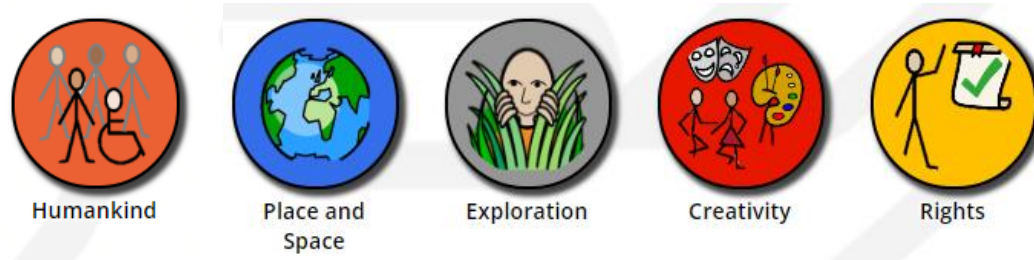
ICT/ Computing Curriculum Map

ICT/Computing Our Why?

The aim of ICT and Computing at Discovery Academy is to allow our students to develop their digital literacy and programming skills through a variety of engaging and thought-provoking methods. Our students will develop their knowledge of E-safety and computational thinking in relation to computing in modern society and the future. Our students will develop their knowledge and skills through the knowledge and skills statements driven by topics every half term that uses the 4 corners of Engage, Develop, Innovate and Express to embed learning

Please note: The Curriculum Map begins with L1 at the bottom of this document

Big Ideas promoted in our ICT/Computing Curriculum



Substantive Concepts of our ICT Computing Curriculum

Safety and Responsibility		Have knowledge on becoming safe, responsible, competent, confident and creative users of information and communication technology
Analyse Problems		Gain knowledge and analyse problems in scenarios in computational terms and have repeated practical experience of writing computer programs, or producing creative products, in order to solve such problems
Computer Science		Gain knowledge and apply the fundamental principals and concepts of Computer Science, including abstraction, logic, algorithms and data representation.
Safeguarding Link		By prioritising safeguarding as a thread throughout the ICT and computing curriculum, this ensures that the skills and knowledge that children require to keep themselves safe is consistently taught.



