

St John's Year 8 Progress Descriptors – Computing & ICT

	ACQUIRING	DEVELOPING	SECURING	EXTENDING	Assessment
Term 1 – Understanding Computer Systems	Students have demonstrated a basic understanding of the hardware and software components that make up computer systems. They have also demonstrated a basic understanding of how instructions are stored and executed within a computer system. Students have also demonstrated a basic understanding of how binary are represented in a computer system and also an understanding of searching and sorting.	Students have demonstrated a limited understanding of the hardware and software components that make up computer systems. They have also demonstrated a limited understanding of how instructions are stored and executed within a computer system. Students have also demonstrated a limited understanding of how binary are represented in a computer system and also an understanding of searching and sorting.	Students have demonstrated a strong understanding of the hardware and software components that make up computer systems. They have also demonstrated a strong understanding of how instructions are stored and executed within computer systems. Students have demonstrated a strong understanding of how binary are represented in a computer system and also an understanding of searching and sorting.	Students have demonstrated a thorough understanding of the hardware and software components that make up computer systems. They have also demonstrated a thorough understanding of how instructions are stored and executed within computer systems. Students have demonstrated a thorough understanding of how binary are represented in a computer system and also an understanding of searching and sorting.	Formative assessment - Homework 3 and task 3 marked. Summative assessment using google forms.
Term 2 – Micro: bit	Students have demonstrated a basic understanding of computational thinking and programming whilst studying the micro: bit unit.	Students have demonstrated a limited understanding of computational thinking and programming whilst studying the micro: bit unit.	Students have demonstrated a strong understanding of computational thinking and programming whilst studying the micro: bit unit.	Students have demonstrated a thorough understanding of computational thinking and programming whilst studying the micro: bit unit.	Formative assessment - Homework 3 and task 3 marked. Summative assessment using google forms.
Term 3 –Kodu Game lab	Students have demonstrated a basic understanding of two programming languages to solve a variety of computational problems.	Students have demonstrated a limited understanding of two programming languages to solve a variety of computational problems.	Students have demonstrated a strong understanding of two programming languages to solve a variety of computational problems.	Students have demonstrated a thorough understanding of two programming languages to solve a variety of computational problems.	Formative assessment - Homework 3 and task 3 marked. Summative assessment using google forms.