



Computing



Adventurers

A WORLD OF DIFFERENCE	COME FLY WITH ME! AFRICA	ATHENS V SPARTA
<p style="text-align: center;">MULTIMEDIA</p> <ul style="list-style-type: none"> To select, use and combine a variety of software (including internet services) on a range of digital devices to design and create a range of programs, systems and content that accomplish given goals, including collecting, analysing, evaluating and presenting data and information To use ICT to explore alternative ideas in order to refine and improve outcomes and performances To use a variety of ICT tools to create, refine and present work in a variety of ways To use features of layout, presentation and organisation in print and on screen To use editing skills for visual effects 	<p style="text-align: center;">MULTIMEDIA</p> <ul style="list-style-type: none"> To select, use and combine a variety of software (including internet services) on a range of digital devices to design and create a range of programs, systems and content that accomplish given goals, including collecting, analysing, evaluating and presenting data and information To use technology safely, respectfully and responsibly; recognise acceptable / unacceptable behaviour; identify a range of ways to report concerns about content and contact To use a variety of ICT tools to create, refine and present work in a variety of ways To use features of layout, presentation and organisation in print and on screen To use editing skills for visual effects To use ICT safely and appreciate the need to keep electronic data secure 	<p style="text-align: center;">E-SAFETY</p> <ul style="list-style-type: none"> To use search technologies effectively, appreciate how results are selected and ranked, and be discerning in evaluating digital content To use technology safely, respectfully and responsibly; recognise acceptable / unacceptable behaviour; identify a range of ways to report concerns about content and contact To identify how ICT can be used to collect and structure information, including the use of surveys, so that it can be searched and analysed To verify the accuracy and reliability of the information found, distinguishing between fact and opinion To use key words to search for and select appropriate information from the internet and other digital sources To use a variety of ICT tools to create, refine and present work in a variety of ways To use ICT safely and appreciate the need to keep electronic data secure

National Curriculum Objectives = 

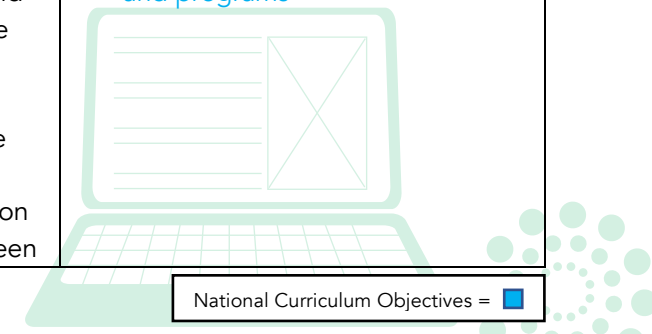


Computing



Adventurers

LAW AND ORDER	LIGHTNING SPEED	PICTURE OUR PLANET	UNDER THE CANOPY
<p>COMPUTER SCIENCE</p> <ul style="list-style-type: none"> To use sequence, selection, and repetition in programs; work with variables and various forms of input and output To use logical reasoning to explain how some simple algorithms work and to detect and correct errors in algorithms and programs To know how to write an algorithm in a flowchart To understand and use repetition within algorithms 	<p>COMPUTER NETWORKS</p> <ul style="list-style-type: none"> To understand computer networks including the internet; how they can provide multiple services, such as the world wide web; and the opportunities they offer for communication and collaboration To understand that the computers in a school are connected together in a network To understand why computers are networked To understand the difference between the internet and the World Wide Web (WWW) To understand that servers on the internet are located across the planet To understand how email is sent across the internet 	<p>EMAIL</p> <ul style="list-style-type: none"> To understand computer networks including the internet; how they can provide multiple services, such as the world wide web; and the opportunities they offer for communication and collaboration To use technology safely, respectfully and responsibly; recognise acceptable / unacceptable behaviour; identify a range of ways to report concerns about content and contact To identify the opportunities computer networks offer for communication and collaboration, using ICT to exchange ideas and collaborate with others remotely To use ICT safely and appreciate the need to keep electronic data secure To use features of layout, presentation and organisation in print and on screen 	<p>COMPUTER SCIENCE</p> <ul style="list-style-type: none"> To design, write and debug programs that accomplish specific goals, including controlling or simulating physical systems; solve problems by decomposing them into smaller parts To use sequence, selection, and repetition in programs; work with variables and various forms of input and output To use logical reasoning to explain how some simple algorithms work and to detect and correct errors in algorithms and programs



National Curriculum Objectives =