Computing

COME FLY WITH ME! THE ARCTIC CIRCLE	ZERO TO HERO
MULTIMEDIA • To recognise common uses of information technology beyond school • To use technology purposefully to create, organise, store, manipulate and retrieve digital content • To try alternatives using a range of tools and techniques to alter text, images and sounds • To use ICT to communicate with unknown audiences • To plan, discuss and review work developed using ICT in order to improve it	**RESEARCH / MULTIMEDIA** • To use technology safely and respectfully, keeping personal information private; identify where to go for help and support when they have concerns about content or contact on the internet or other online technologies • To use technology purposefully to create, organise, store, manipulate and retrieve digital content • To explore digital resources by using hyperlinks and simple menus • To use the internet and other digital sources to find out about significant issues, events and people and explore real and imaginary locations • To use technology purposefully to create, capture, organise, store, manipulate, retrieve and present digital content • To try alternatives using a range of tools and techniques to alter text, images and sounds • To use strategies to stay safe when using ICT and the internet • To plan, discuss and review work developed using ICT in order to improve it • To identify when and where to go for help and support when they have concerns about material on the internet

National Curriculum Objectives = ▧

Computing

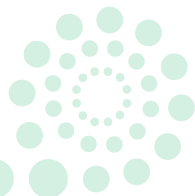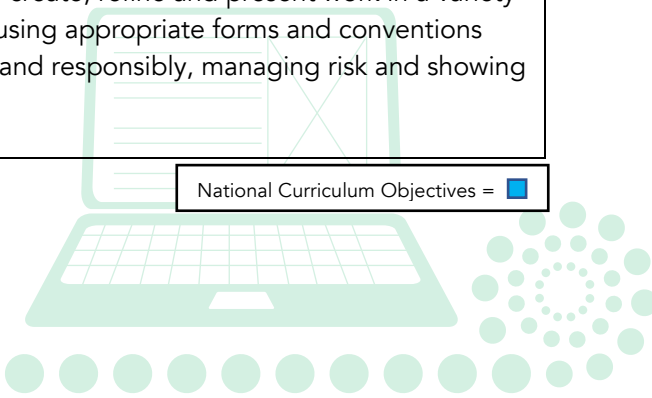| LAND AHOY!	UNITY IN THE COMMUNITY
COMPUTER SCIENCE • To understand what algorithms are; how they are implemented as programs on digital devices; and that programs execute by following precise and unambiguous instructions • To use the 'repeat' (loop) and 'when' (conditional statement) command within a series of instructions • To plan a short 'story' for a sprite and write the commands for this • To edit/refine a sequence of commands	**COMPUTER SCIENCE** • To understand what algorithms are; how they are implemented as programs on digital devices; and that programs execute by following precise and unambiguous instructions • To use the 'repeat' (loop) and 'when' (conditional statement) command within a series of instructions • To plan a short 'story' for a sprite and write the commands for this • To edit/refine a sequence of commands

National Curriculum Objectives = ▇

Computing

HAPPILY EVER AFTER	INTER-NATION MEDIA STATION
MULTIMEDIA / COMPUTER SCIENCE	**MULTIMEDIA**
• To understand what algorithms are; how they are implemented as programs on digital devices; and that programs execute by following precise and unambiguous instructions	• To recognise common uses of information technology beyond school • To use technology purposefully to create, organise, store, manipulate and retrieve digital content
• To explore digital resources by using hyperlinks and simple menus • To identify common uses of information technology beyond school • To give instructions to make things happen using programmable devices • To use technology purposefully to create, capture, organise, store, manipulate, retrieve and present digital content • To try alternatives using a range of tools and techniques to alter text, images and sounds • To combine written text with graphics, tables, sound and images and present work appropriately	• To use search technologies effectively, appreciate how results are selected and ranked, and be discerning in evaluating digital content • To use a variety of ICT tools to create, develop and refine presentations and performances, integrating effects to enhance outcomes • To select, use and combine a variety of software (including internet services) on a range of digital devices to accomplish given goals, including collecting, analysing, evaluating and presenting data and information • To organise and adjust communication according to the needs of the audience and the technology, including taking account of the quality and content of the communication • To use a variety of ICT tools to create, refine and present work in a variety of digital and printed formats using appropriate forms and conventions • To use ICT safely, respectfully and responsibly, managing risk and showing awareness of other users

National Curriculum Objectives = ▢

Computing

GOING WILD	LIGHT UP THE WORLD
MULTIMEDIA • To use technology purposefully to create, organise, store, manipulate and retrieve digital content • To explore digital resources by using hyperlinks and simple menus • To collect, sort, record and represent information to inform investigations and designs • To draw conclusions from data collected • To use technology purposefully to create, capture, organise, store, manipulate, retrieve and present digital content • To combine written text with graphics, tables, sound and images and present work appropriately • To use strategies to stay safe when using ICT and the internet • To plan, discuss and review work developed using ICT in order to improve it • To identify when and where to go for help and support when they have concerns about material on the internet	**DATA HANDLING** • To use technology purposefully to create, organise, store, manipulate and retrieve digital content • To explore digital resources by using hyperlinks and simple menus • To collect, sort, record and represent information to inform investigations and designs • To draw conclusions from data collected • To use technology purposefully to create, capture, organise, store, manipulate, retrieve and present digital content • To combine written text with graphics, tables, sound and images and present work appropriately • To plan, discuss and review work developed using ICT in order to improve it • To use technology safely and respectfully, keeping personal information private • To identify when and where to go for help and support when they have concerns about material on the internet

National Curriculum Objectives = 🟦