



Subject: ICT

ICT equips students to use computational thinking and creativity to understand and change the digital world and has close links with math's and science. Students are taught the principles of information and computation, how digital systems work, and how to put this knowledge to use through a variety of different methods. ICT also ensures that students become digitally literate – able to use, and express themselves and develop their ideas through, information and communication technology as active participants in a digital world.

Term 1 (Aug – Oct)	Term 2 (Oct – Dec)	Term 3 (Jan – Mar)	Term 4 (Mar – Jun)
9 weeks	8 weeks	12 weeks	8 weeks
<p>Introduction to school</p> <ul style="list-style-type: none"> Classroom rules Expectations student and teacher Targets and target setting <p>Safe searching</p> <ul style="list-style-type: none"> How to search Advanced searching techniques Reliable websites Plagiarism <p>Real or fake</p> <ul style="list-style-type: none"> Picture file types Introduction to Photoshop Photoshop skills using layers Real or fake images Creation of fake image <p>News reporter</p> <ul style="list-style-type: none"> Investigate school event Introduction to publisher Creation of news story 	<p>Spreadsheets - advanced</p> <ul style="list-style-type: none"> Why are spreadsheet used Formulas and functions Charts and graphs Multi tab spreadsheets Hyperlinks and linking Lookups <p>E-safety</p> <ul style="list-style-type: none"> Investigate gaming Gaming online Gaming educationally Research current trends 	<p>Databases</p> <ul style="list-style-type: none"> What is a database and why is it used How to create a database Search and sort a database Run queries Database project <p>Flowcharts using flowol</p> <ul style="list-style-type: none"> Why do you need flowcharts Understanding flowcharts Creation of flowcharts Introduction to flowol Mimics using flowol 	<p>Animation</p> <ul style="list-style-type: none"> Explore the moving image Research different animation techniques Creation of animation Presentation of animation through different media <p>Programming using Raspberry Pi</p>