

## Pheasey Park Farm Primary School - Digital Learning Curriculum Grid - September 2019

TERM	NURSERY	RECEPTION	YEAR 1	YEAR 2	YEAR 3	YEAR 4	YEAR 5	YEAR 6
<b>AUTUMN</b>	<p>Labelling and Classifying</p> <p>Understanding Instructions/ Making Things Happen</p> <p><i>Covers SMSC</i> <i>Covers British Values</i></p>	<p>Introduction to SMART Boards, Table and Notebook</p> <p>Communication</p> <p><i>Covers SMSC</i> <i>Covers British Values</i></p>	<p>Continued development of skills for SMART Boards, Table and Notebook</p> <p>Artistry</p> <p>Basic typing skills.</p> <p><i>Covers SMSC</i> <i>Covers British Values</i></p>	<p>Continued development of skills for SMART Boards, Table and Notebook</p> <p>Authoring (Word)- typing skills.</p> <p><i>Covers SMSC</i> <i>Covers British Values</i></p>	<p>Understanding the role computers play in society. This includes using the web effectively, efficiently, safely, responsibly and wisely</p> <p>Using the internet safely.</p> <p>Artistry - Paint/Photo manipulation.</p> <p><i>Covers SMSC</i> <i>Covers British Values</i></p>	<p>Programing - Hopscotch app is used to develop repeat, wait and changes to appearance of objects on screen. Children plan algorithms to achieve specific purposes. They create and debug programs.</p> <p><i>Covers SMSC</i> <i>Covers British Values</i></p>	<p>Scratch or Tynker is used to create a racing car game</p> <p>Uploading SMART files to the Learning Platform.</p> <p>Communication - Using Skype to communicate with schools in other countries. Blogs and video diaries.</p> <p><i>Covers SMSC</i> <i>Covers British Values</i></p>	<p>Programing - Scratch, espresso, purple mash or Tynker is used to develop games to meet specific challenges.</p> <p>Understanding excel.</p> <p><i>Covers SMSC</i> <i>Covers British Values</i></p>
<b>SPRING</b>	<p>Using a Word Bank</p> <p>Modelling</p> <p><i>Covers SMSC</i> <i>Covers British Values</i></p>	<p>Control - Bee-bots</p> <p>Using a word bank (alphabet soup - 2 simple)</p> <p><i>Covers SMSC</i> <i>Covers British Values</i></p>	<p>Using Computers for authorship (word)</p> <p><i>Covers SMSC</i> <i>Covers British Values</i></p>	<p>Understanding search engines to gain information for IPC.</p> <p>Creating digital media, including digital photography.</p> <p><i>Covers SMSC</i> <i>Covers British Values</i></p>	<p>Further development of authorship (powerpoint)</p> <p>Analysing data collected from measurement and surveys,</p> <p><i>Covers SMSC</i> <i>Covers British Values</i></p>	<p>Modelling - Use Lego WeDo models with Scratch for particular purposes such as using the motor to turn models.</p> <p>Basic coding (espresso, purple mash)</p> <p><i>Covers SMSC</i> <i>Covers British Values</i></p>	<p>Flowol 4 or Go Control is used to program a sequence of actions for lights.</p> <p><i>Covers SMSC</i> <i>Covers British Values</i></p>	<p>Code Club (espresso, purple mash)</p> <p>Animation</p> <p><i>Covers SMSC</i> <i>Covers British Values</i></p>
<b>SUMMER</b>	<p>Data Handling Pictograms</p> <p><i>Covers SMSC</i> <i>Covers British Values</i></p>	<p>Using Computers for authorship (2create a story)</p> <p>Artistry - 2Paint</p> <p><i>Covers SMSC</i> <i>Covers British Values</i></p>	<p>Communication (2Email)</p> <p><i>Covers SMSC</i> <i>Covers British Values</i></p>	<p>Modelling - 2Simple software.</p> <p>Basic coding (espresso, purple mash)</p> <p><i>Covers SMSC</i> <i>Covers British Values</i></p>	<p>Introduction to programing. -Scratch or Tynker is used to create an animation of a Knock,Knock joke or a simple story. They identify the algorithm and the programming required. They test and debug the program.</p> <p>Use of espresso, purple mash for coding.</p> <p><i>Covers SMSC</i> <i>Covers British Values</i></p>	<p>GPS through orienteering</p> <p>Creating digital media, including digital photography, stop motion and scripted animation</p> <p>edited video, music sequencing and podcasting</p> <p><i>Covers SMSC</i> <i>Covers British Values</i></p>	<p>Working with SMART Table to produce games for KS1</p> <p>Code Club (espresso, purple mash)</p> <p>Using Video Cameras and software to direct and make films.</p> <p><i>Covers SMSC</i> <i>Covers British Values</i></p>	<p>Programing - Go Control is used to program a sequence of actions for crossroads, pelican crossing, and the train level crossing. These can be linked to models where available.</p> <p><i>Covers SMSC</i> <i>Covers British Values</i></p>

Additional Information is contained within School Medium and Short Term Planning.

Children from Nursery to Year 6 will have all their ICT/Digital Learning activities taught within other curriculum areas.

There will be Computer Coding weeks throughout the year where children from Nursery to Year 6 will learn and experience how to code.

SMSC - Social skills (collaboration, interaction around devices and virtually on the internet. Being able to work in a team, respecting rules and what is right and wrong when using technology and the internet. Being able to reflect on what they have done.

British Values - Respecting others, working together, respecting rules concerning the internet, presenting and communicationg.