



## Mersey Park Primary School Computing Long Term Overview – Year 1

Scheme of Work	Target Tracker Assessment Focus	Weaving Knowledge, Skills and Understanding
Computers		
<ul style="list-style-type: none"><li>Images/Pictures</li><li>Games Galore</li><li>Internet Research</li><li>Interpreting Pictograms</li></ul>	<ul style="list-style-type: none"><li>Recognise common uses of information technology in the home and school environment</li></ul>	
Using Computer		
<ul style="list-style-type: none"><li>Images/Pictures</li><li>Games Galore</li><li>Internet Research</li><li>Interpreting Pictograms</li></ul>	<ul style="list-style-type: none"><li>Use technology purposefully to create digital content</li></ul>	<ul style="list-style-type: none"><li>Can they capture images with a camera?</li><li>Can they print out a photograph from a camera with help?</li><li>Can they enter information into a template to make a graph?</li><li>Can they talk about the results shown on a graph?</li><li>Can they word process ideas using a keyboard?</li><li>Can they use the spacebar, back space, enter, shift and arrow keys?</li><li>Can they print out a page from the internet?</li><li>Can they use the internet for learning and communicating with others, making choices when navigating through sites?</li></ul>
e-Safety		
<ul style="list-style-type: none"><li>Rising Stars e-Safety</li><li>Online Safety</li></ul>	<ul style="list-style-type: none"><li>Understand where to go for help and support when he/she has concerns about content or contact on the internet or other online technologies</li></ul>	<ul style="list-style-type: none"><li>Do they know that websites sometimes include pop-ups that take them away from the main site?</li><li>Can they begin to evaluate websites and know that everything on the internet is not true?</li><li>Do they know that personal information should not be shared online?</li><li>Do they know they must tell a trusted adult immediately if anyone tries to meet them via the internet?</li><li>Can they follow the school's safer internet rules?</li><li>Can they use the search engines agreed by the school?</li><li>Can they act if they find something inappropriate online or something they are unsure of (including identifying people who can help; minimising screen; online reporting using school system etc)?</li><li>Can they recognise advertising on websites and learn to ignore it?</li><li>Can they use a password to access the secure network?</li></ul>

## Coding

- Games Galore
- Controlling a Programmable Toy

- Predict the behaviour of simple programs
- Understand what algorithms are and how they are implemented on digital devices

- Can they create a simple series of instructions - left and right?
- Can they record their routes?
- Do they understand forwards, backwards, up and down?
- Can they put two instructions together to control a programmable toy?
- Can they begin to plan and test a Bee-bot journey?