

Ovingham Middle School Subject Overview Year 7



Subject: ICT

Each column represents an approximate half term starting at 1 = September to October

	1	1.5	2	2.5	3	3.5
Topic	Programming	Animation: 1	Animation: 2		Animation: 3	
Areas of curriculum covered	<p>Programming:</p> <ul style="list-style-type: none"> - Simple first steps using the programming language 'Python'. Pupils write text based commands and see how subtle differences can effect what happens on screen. - Pupils use 'Scratch' and design software to develop their own version of the game 'Pong' <p>Animation Project 1:</p> <ul style="list-style-type: none"> - Pupils take artwork they have developed in Art lessons and scan it into the PC. - They learn digital techniques to cut out and copy pieces of their artwork. - They covert their completed digital pieces into PNG files, ready for animating. 		<p>Animation Project 2:</p> <ul style="list-style-type: none"> - Pupils combine their own PNG artwork and that of their group members as a series of digital layers. - They learn to manipulate layers in a variety of ways (re-sizing, movement, transparency/opacity) - They animate their layered images, creating large series' of JPEG's which are carefully named and stored in separate folders. - They combine JPEG's and run them at high speed in suitable software to create individual 'shots'. 		<p>Animation Project 3:</p> <ul style="list-style-type: none"> - Pupils edit their shots using a timeline, piecing together their narratives. - They learn essential editing techniques to improve the effectiveness of their narrative. - They create and combine sounds digitally and import them into their films, matching sounds to action. - They add text and effects to create title sequences. - They prepare marketing materials for their completed films and evaluate them. - They show their films to an audience of parents and friends at a local cinema. 	

Please be aware that each class is unique and although the above planning will be followed as close as possible, at times, and with individual classes, we may deliver deeper, extended learning into a topic, move faster to another topic or go slower to make sure we have clarified learning.

If you are in any doubt or have any specific questions about this subject please contact the subject coordinator : Mr Kane