



Computing

Years 5 and 6 Cycle B



News Room	Website Designers	Cars	Interactive Art Exhibition	Code Breakers	Inventors
<ul style="list-style-type: none">○ Children gain an understanding of how news is communicated.○ Investigate a local news story.○ Plan how they are going to report their story.○ Film news report using Green Screen functionality.○ Children feedback and reflect on their reporting and producing skills.	<ul style="list-style-type: none">○ Plan content and theme for their website.○ Learn how we can create and source content.○ Build website using Wordpress online.○ Copy and paste, edit and format text, how to add pictures and embed content.○ Test website and make amendments.○ Present website to a small group.	<ul style="list-style-type: none">○ Understand how to create multiple sprites in Scratch.○ Understand how to control them through keyboard input.○ Understand how sensors work to detect sprites position.○ Create multiple variables for sprites.○ Build player interaction into their game.○ Use a conditional statement to create a counting timer.○ Use random numbers to chance a sprites behaviour.	<ul style="list-style-type: none">○ Understand that the term “Augmented Reality”○ Use word processing apps to gather research from the internet and save images.○ Use a paint app to express different artist styles of self portrait.○ Understand that QR are triggers that QR reader use to find content.○ Understand the fundamentals of basic filming, video editing and saving video○ Overlay a video.	<ul style="list-style-type: none">○ Explain what binary code is and what it is used for.○ Identify what a QR code is and for what it is used.○ Create their own QR codes.○ Decipher and translate different codes .	<ul style="list-style-type: none">○ Understand that still images create a moving scene when played rapidly in a sequence○ Film an animated sequence.○ Export animation into iMovie and add backing music○ Make props and a 3D sets.○ Produce a storyboard and a script for their movie.○ Enhance animation using music and sound effects.