

	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY
8.30 – 9.30	Morning extended care				
9.30 – 12.30	<ul style="list-style-type: none"> • Mission brief and introduction to kite design • How much do you know about kites? They've been used for some pretty fascinating things... • Aerodynamics and kite prototyping: Diamond, Delta, Sled, Roller and Dopero 	<ul style="list-style-type: none"> • Introduction to kite making materials and techniques: ripstop nylon, tyvek, fibreglass rods, carbon fibre, tails and windsocks • Single line individual kite design & prototyping: navigating weather and techniques to catch the wind 	<ul style="list-style-type: none"> • Introduction to Flight Launcher: concept and use • Launcher making starts 	<ul style="list-style-type: none"> • Big camera kite design & prototyping • Big camera kites building starts • Cradle for camera and raspberry Pi building continues 	<ul style="list-style-type: none"> • Introduction to aerial photography • Giant artwork design and creation for aerial mapping • Big kite mapping, flying the length and width of the grounds to create the most amazing aerial collage!
12.30 – 13.30	Lunch break				
13.30 – 16.30	<ul style="list-style-type: none"> • Camera & Raspberry Pi module building • Raspberry Pi coding and loading • Camera case building 	<ul style="list-style-type: none"> • Single line individual kite building starts (each child will take their kite home) • Lesson in kite flying • Test flights & adjustments 	<ul style="list-style-type: none"> • Launcher making continues • Testing and adjustments 	<ul style="list-style-type: none"> • Big camera kites building continues • Camera & Raspberry Pi fitting and testing • Test flights with camera: working out flight height and path to start mapping 	<ul style="list-style-type: none"> • Getting images onto computer and 'stitching' images together to create our very own kite mapped Artwork. • Parent showcase
16.30 – 18.00	Afternoon extended care				

