



KS4 Science - Long Term Plan

		Autumn 1	Autumn 2	Spring 1	Spring 2	Summer 1	Summer 2
KS3	Topic	The game of survival	Music festival materials	May the forces be with you	Crime lab investigation	Music festival materials	The art of living
Key focus		<ol style="list-style-type: none"> 1. Inheritance detective 2. Mutations and adaptations 3. Extreme survival 4. Meet the evolutionary pioneers 5. Evolutionary trees and fossils 6. The tale of the giraffe's neck 	<ol style="list-style-type: none"> 1. Food prep materials challenge 2. Keeping it hot... keeping it cold 3. Food packaging challenge 4. Cleaning team challenge 5. Electrical health and safety 6. Keeping the sound contaminated 	<ol style="list-style-type: none"> 1. Forces mission training camp 2. Parachuting in 3. The lever and pulley challenge 4. The bike gears challenge 5. The goldilocks path challenge 6. The boat challenge 	<ol style="list-style-type: none"> 1. Light specialists required 2. Light travels in straight lines 3. Up periscope 4. Shadow giants 5. It's a rainbow world 6. A trick of the colourful light filters 	<ol style="list-style-type: none"> 1. Food prep materials challenge 2. Keeping it hot... keeping it cold 3. Food packaging challenge 4. Cleaning team challenge 5. Electrical health and safety 6. Keeping the sound contaminated 	<ol style="list-style-type: none"> 1. Sexual reproduction in flowering plants 2. Asexual reproduction in plants 3. Insect and amphibian lifecycles 4. Mammal and bird lifecycles 5. Life cycles from around the world 6. Meeting and becoming natural scientists.