

Tweedbank Primary School – Science

Second Level – Primary 6

	Organiser	Experience & Outcome	Suggested Contexts
	Primary 6		
Forces, Electricity & Waves Electricity	SCN 2-09a	I have used a range of electrical components to help to make a variety of circuits for differing purposes. I can represent my circuit using symbols and describe the transfer of energy around the circuit.	
	SCN 2-10a	To begin to understand how batteries work, I can help to build simple chemical cells using readily-available materials which can be used to make an appliance work.	
Forces, Electricity & Waves Forces	SCN 2-07a	By investigating how friction, including air resistance, affects motion, I can suggest ways to improve efficiency in moving objects.	
	SCN 2-08a	I have collaborated in investigations to compare magnetic, electrostatic and gravitational forces and have explored their practical applications.	
	SCN 2-08b	By investigating floating and sinking of objects in water, I can apply my understanding of buoyancy to solve a practical challenge.	
Planet Earth Energy sources and sustainability	SCN 2-04a	By considering examples where energy is conserved, I can identify the energy source, how it is transferred and ways of reducing wasted energy.	
	SCN 2-04b	Through exploring non-renewable energy sources, I can describe how they are used in Scotland today and express an informed view on the implications for their future use.	
	TCH 2-02b	I can investigate the use and development of renewable and sustainable energy to gain an awareness	

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		of their growing importance in Scotland or beyond.	
Biological systems Body systems and cells	SCN 2-12a SCN 2-12b SCN 2-13a	By investigating some body systems and potential problems which they may develop, I can make informed decisions to help me to maintain my health and wellbeing. I have explored the structure and function of sensory organs to develop my understanding of body actions in response to outside conditions. I have contributed to investigations into the role of microorganisms in producing and breaking down some materials.	
Biological systems Inheritance	SCN 2-14a SCN 2-14b	By investigating the lifecycles of plants and animals, I can recognise the different stages of their development. By exploring the characteristics offspring inherit when living things reproduce, I can distinguish between inherited and non-inherited characteristics.	

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Topical Science	SCN 2-20a	Through research and discussion I have an appreciation of the contribution that individuals are making to scientific discovery and invention and the impact this has made on society.	
	SCN 2-20b	I can report and comment on current scientific news items to develop my knowledge and understanding of topical science.	