Essendon C of E Primary School (VC)

Encouraging Everyone's Light To Shine (Matthew 5:16)

Science Curriculum Map – Year A

Year A 20/2021

Value	Essendon Way	Love Yourself	Love Others	Love God	Love Learning	Love the World You Live In
Term	Autumn 1	Autumn 2	Spring 1	Spring 2	Summer 1	Summer 2
EYFS Understanding the World	Talk about past and present events in own lives. Talk about features of their own immediate environment. Children recognise that a range of technology is used in places such as homes and schools. Talk about the world in which we live. Discuss their hopes and wishes.	Talk about past and present events in lives of family members. Similarities & differences in relation to both man-made and natural materials. Complete simple program. Use ICT to support learning. Look at changes in the environment.	Talk about similarities & differences between self & others. Make observations of animals. Know how to operate simple equipment. (ICT). Complete simple program. Talk about how my body changes.	Talk about similarities & differences between own family & others. Similarities & differences in relation to living things. Complete simple program. Talk about how I can stay healthy.	Talk about similarities & differences between communities. Select & use technology for a range of purposes. Look at living animals and plants.	Talk about similarities & differences between different traditions. Similarities & differences in relation to places. Select & use technology for a range of purposes. Complete simple program. Consider materials around us
Year 1 and 2	Animals including humans Linda Buck Identifying and Classifying	Seasonal Changes Autumn & Winter Using their observations and ideas to suggest answers to questions	Materials Alexander Graham Bell Observing closely, using simple equipment	The Environment Perform simple tests, Identifying and classifying.	Plants Carl Linnaeus Asking simple questions and recognising they can be answered in different ways	Living things and their habitats Alfred Wallace – Human effects on the natural world Identifying and classifying

Year 3 and 4	Plants, Animals and		Rocks	Forces & Magnets	Animals inc. humans –	Light & shadow
	Humans			Floating, sinking &	skeletons	
				compasses		
Year 5 and 6	Archimedes	Rosalind Franklin	R J Mitchell	Dr Alice Roberts	Katherine Johnson	David Attenborough
	Forces – displacement,	Animals including	Properties and	States of matter –	Earth and space	Living things and their
	leverage, gravity	humans (Y5)	changes of materials	solids, liquids, gases		habitats
					Understanding how	
	Planning a fair test	Making accurate	Reporting and	Using data to make	scientific ideas have	Using scientific
		observations	presenting findings	predictions	developed overtime	equipment correctly

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Science Curriculum Map – Year B

Year B 2020/2021

Value	Essendon Way	Love Yourself	Love Others	Love God	Love Learning	Love the World You
						Live In
Term	Autumn 1	Autumn 2	Spring 1	Spring 2	Summer 1	Summer 2
EYFS	Talk about past and	Talk about past and	Talk about similarities	Talk about similarities	Talk about	Talk about
Understanding the	present events in own	present events in	& differences between	& differences	similarities &	similarities &
World	lives.	lives of family members.	self & others.	between own family & others.	differences between communities.	differences between different traditions.
	Talk about features of	members.	Make observations of	d others.	communicies.	different traditions.
	their own immediate	Similarities &	animals. Know how to	Similarities &	Select & use	Similarities &
	environment.	differences in	operate simple	differences in relation	technology for a	differences in
		relation to both	equipment.	to living things.	range of purposes.	relation to places.
	Children recognise that	man-made and	(ICT).			
	a range of technology	natural materials.		Complete simple	Look at living animals	Select & use
	is used in places such		Complete simple	program.	and plants.	technology for a
	as homes and schools.	Complete simple	program.			range of purposes.
	Talk about the world in	program. Use ICT to support learning.	Tall, about bourse.	Talk about how I can		Complete simple
	which we live. Discuss	support learning.	Talk about how my body changes.	stay healthy.		Complete simple program.
	theirhopes and	Look at changes in	body changes.			program.
	wishes.	the environment.				Consider materials
						around us
Year 1 and 2	Animals including	Scientists and	Materials	Living things and their	Seasonal Changes	Plants
	humans	Inventors		habitats	Spring & Summer	
	Louis Pasteur	Mae Jamison	Stephanie Kwolek	Jane Goodall – animal	Isaac Newton – light &	Tom Hart Dyke
			John McAdam	behaviour	rainbows	
	Performing simple	Askingsimple				Gathering and
	tests	questions and	Using their	Gathering and	Observing closely,	recording data to
		recognising they can	observations and	recording data to help	using simple	help in answering
		be answered in	ideas to suggest	in answering	equipment	questions
		different ways	answers to questions			

				questions—link to the BBC Big Birdwatch		
Year 3 and 4	Living things and their habitats	States of matter/materials and their properties	States of matter	Electricity	Sound	Animals inc. humans – teeth & digestion
Year 5 and 6	Animals including humans (Y6) Work scientifically	Ask questions and carry out fair and comparative tests	Scientists and Inventors Use scientific evidence and secondary sources of information	Evolution and Inheritance Identify, classify, record and predict	Draw conclusions, notice patterns and present findings	Living things and their habitats (Y6) Observe and manage changes