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	Talk about past and	Talk about past and	Talk about similarities	Talk about	Talk about	Talk about
Understanding the	present events in own	present events in	& differences	similarities &	similarities &	similarities &
World	lives.	lives of family members.	between self & others.	differences between own family & others.	differences between	differences between different traditions.
	Talk about features of				communities.	
	their own immediate	Similarities &	Make observations of	Similarities &		Similarities &
	environment.	differences in	animals. Know how	differences in	Select & use	differences in
		relation to both	to operate simple	relation to living	technology for a	relation to places.
	Children recognise	man-made and	equipment.	things.	range of purposes.	
	that a range of	natural materials.	(ICT).			Select & use
	technology is used in			Complete simple	Look at living	technology for a
	places such as homes	Complete simple	Complete simple	program.	animals and plants.	range of purposes.
	and schools.	program. Use ICT to	program.			
		support learning.		Talk about how I can		Complete simple
	Talk about the world		Talk about how my	stay healthy.		program.
	in which we live.	Look at changes in	body changes.			
	Discuss their hopes	the environment.				Consider materials
	and wishes.					around us
Year 1 and 2	Animals including	Seasonal Changes	Materials	The Environment	Plants	Living things and
	humans	Autumn & Winter				their habitats
			Alexander Graham	Perform simple tests,	Carl Linnaeus	A16
	Linda Buck	Using their	Bell	Identifying and		Alfred Wallace –
		observations and		classifying.	Asking simple	Human effects on
	Identifying and	ideas to suggest	Observing closely,		questions and	the natural world
	Classifying	answers to	using simple		recognising they can	Identifying and
		questions	equipment			classifying

					be answered in different ways	
Year 3 and 4	Plants	Animals and Humans	Rocks	Forces & Magnets Floating, sinking & compasses	Animals inc. humans – skeletons	Light & shadow
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	Properties and changes of materials R J Mitchell Reporting and presenting findings	Earth and space Katherine Johnson Understanding how scientific ideas have developed over time	Living things and their habitats David Attenborough Using scientific 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 Understanding the	Talk about past and present events in own	Talk about past and present events in	Talk about similarities & differences	Talk about similarities &	Talk about similarities &	Talk about similarities &
World	lives. Talk about features of	lives of family members.	between self & others.	differences between own family & others.	differences between communities.	differences between different traditions.
	their own immediate environment.	Similarities & differences in relation to both	Make observations of animals. Know how to operate simple	Similarities & differences in relation to living	Select & use technology for a	Similarities & differences in relation to places.
	Children recognise that a range of technology is used in	man-made and natural materials.	equipment. (ICT).	things. Complete simple	range of purposes. Look at living	Select & use technology for a
	places such as homes and schools.	Complete simple program. Use ICT to support learning.	Complete simple program.	program. Talk about how I can	animals and plants.	range of purposes. Complete simple
	Talk about the world in which we live. Discuss their hopes	Look at changes in the environment.	Talk about how my body changes.	stay healthy.		program. Consider materials
	and wishes.	the environment.				around us
Year 1 and 2	Scientists and Inventors	Animals including humans	Materials	Living things and their habitats	Seasonal Changes Spring & Summer	Plants
	Mae Jamison	Louis Pasteur	Stephanie Kwolek John McAdam	Jane Goodall – animal behaviour	Isaac Newton – light & rainbows	Tom Hart Dyke Gathering and
	Asking simple questions and recognising they can	Performing simple tests	Using their observations and	Gathering and recording data to help in answering	Observing closely, using simple equipment	recording data to help in answering questions

	be answered in different ways Scientific enquiry		ideas to suggest 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 (Y5) 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	Light Draw conclusions, notice patterns and present findings	Living things and their habitats (Y6) Observe and manage changes