

Walford Nursery & Primary School

Cultural Capital Map – SCIENCE

Cultural Capital is defined as, ‘the essential knowledge that pupils need to be educated citizens, introducing them to the best that has been thought and said and helping to engender an appreciation of human creativity and achievement’. It is, ‘the essential knowledge, those standard reference points, that we want all children to have... a golden thread, woven through everything you do to teach children well’.

TERM	CULTURAL CAPITAL OPPORTUNITIES	INTENT What will we deliver? What is the intent? Who is the target audience (PP/SEND/EAL)? Why?	IMPLEMENTATION How will this take place?	IMPACT What will the children gain from the experience?
Autumn 1	RAF STEM Day	Coding / Rocket Launching To enrich the computing/science programme and further promote aspirations/future careers. Y5 / Y6	RAF Cranwell Youth STEM Team will attend school.	Understanding of how the uses of computing and science impact our lives. To further develop problem-solving, risk-taking and creativity skills. Pupil voice: ‘After an exciting day with our visitors from the RAF, we were inspired to follow our dreams and become future engineers.’ ‘This has been the most fun day in Year 6 so far.’
	SW England Engineering Awards	If you were an Engineer, what would you do? Engineering Competition To further promote STEM aspirations and future careers. Nursery - Year 6	Visiting engineers (Frank Myers: designer of the flat cone / Robert Gibbs: CEO of Factory 29 / Studio 31- 3D Printing).	Opportunities to think like an engineer. To further develop problem-solving, risk-taking and creativity skills. Impact: 1 Nursery Winner / 1 KS1 Winner
Clubs / Activities taking place this term?		Nature Detectives / Coding / Harvest Festival / Deadly 60 BBC Live Lesson		

Autumn 2	Hands Up for the Planet Water Workshop	Visitors from Hands Up for the Planet To consider water usage and the impact across the world. Year 3	Visitors deliver a workshop in school.	Pupils begin to understand that moral decisions are very important and are encouraged to question their impact upon the planet, e.g., not wasting water.
	STAR (Stop! Think! Act! Reflect!)	STAR Workshop delivered by a PCSO. To raise awareness of keeping ourselves healthy and the impact that varies choices may have on our lives. Year 6	STAR Workshop delivered by a PCSO.	Pupils develop a greater awareness of the effects of peer pressure, alcohol and drugs. Pupils discuss the implications of lifestyle choices on general health.
	Coral Reef Live Lesson: The Coral Adventure	To see creatures (fish) in their habitat and learn key facts. To identify parts of the Coral Reef. EYFS / Y1	Online Workshop Encounter Education.	Children are able to name and identify common fish and their characteristics.
	EYFS Forest School Sessions	To understand the effects of seasonal changes on the world around us. EYFS	Weekly Forest School session.	Children are able to recognise the signs of Autumn / Winter. Awareness of how seasonal changes affect animals.
Clubs / Activities taking place this term?		Nature Detectives / Coding / World Science Day (10/11/21)		
Spring 1				
Clubs / Activities taking place this term?		Nature Detectives / Coding		

Spring 2				
Clubs / Activities taking place this term?		Nature Detectives / Coding		
Summer 1				
Clubs / Activities taking place this term?		Nature Detectives / Coding		
Summer 2				
Clubs / Activities taking place this term?		Nature Detectives / Coding		