

LTP Science Overview (inc. potential TAPS experiments)

Year A

	Autumn 1	Autumn 2	Spring 1	Spring 2	Summer 1	Summer 2
Foundation	Scavenger hunt	Browning apples - observe	Frozen balloons - o	bserve	Incy Wincy Spider - testing	Making butter - record Taste Test - senses
Year 1/2	Animals inc Humans		Seasonal Changes		Living Things and their habitats	Plants
Experiments	Animals inc Humans: body parts (Evaluate)		Seasons: seasonal change (Record)		Living things: nature spotters (Interpret and report)	Plants: compare growth (Observe and measure)
Year 3/4	Rocks		Animals inc Humans	States of Matter	Magnets	Plants
Experiments	Rocks: rock reports (Interpret and report)		Animals inc Humans: investigating skeletons (Plan)	Materials: measure temperature (Observe and measure) or Materials: drying materials (Set up enquiry)	Strongest magnet (Set up enquiry)	Plants: measuring plants (Observe and measure)
Year 5/6	Animals inc Humans	Electricity	Properties of materials		Forces	Living Things and their habitats
Experiments	Animals inc Human: growth survey (Observe and measure)	Electricity: bulb brightness (Qus and plan)	Materials: dissolving or nappy absorbency (Qus and plan)		Forces: aquadynamics (Evaluate)	Living things: invertebrate research or life cycle research (Interpret and report)

Year B

	Autumn 1	Autumn 2	Spring 1	Spring 2	Summer 1	Summer 2
Foundation						
Year 1/2	Use of			Plants	Animals	Everyday
	Everyday				including	Materials
	materials				Humans	
Experiments	Materials:			Structure (Observe	Animals inc	Materials: floating
	waterproof (Plan)			and measure)	Humans:	and sinking or
					handspans	Rocket mice (Set
					(Evaluate)	up enquiry)
Year 3/4	Animals inc	Light	Sound	Electricity		Living things
	Humans					and their
						habitats
Experiments	Animals inc	Light: making	Sound:	Electricity:		Living things: local
	Humans: teeth	shadows (Record)	investigating	conductors		survey (Record)
	(eggs) in liquids		pitch (Plan)	(Interpret and		
	(Evaluate)			report)		
Year 5/6	Animals inc	Living things		Evolution and	Light	Earth and
	Humans	and their		inheritance		Space
		habitats				
Experiments	Animals inc	Living things:		Evolution: egg	Light: investigating	Materials: sugar
	Humans: heart rate	outdoor keys		strength	shadows (Observe	cubes Space:
	(Set up enquiry)	(Record)		(Evaluate)	and measure)	craters (Record)