

A completed example of Long-Term Planning – 2

Framework Code	Learning Objective	Ongoing (O) Term ref (T1, T2, T3)
	Ideas and evidence	
3Ep1	Collect evidence in a variety of contexts to answer questions or test ideas.	O, T1, T2, T3
	Plan investigative work	
3Ep2	Suggest ideas, make predictions and communicate these.	O, T1, T2, T3
3Ep3	With help, think about collecting evidence and planning fair tests.	O, T1, T2, T3
	Obtain and present evidence	
3Eo1	Observe and compare objects, living things and events.	O, T1, T2, T3
3Eo2	Measure using simple equipment and record observations in a variety of ways.	O, T1, T2, T3
3Eo3	Present results in drawings, bar charts and tables.	O, T1, T2, T3
	Consider evidence and approach	
3Eo4	Draw conclusions from results and begin to use scientific knowledge to suggest explanations.	O, T1, T2, T3
3Eo5	Make generalisations and begin to identify simple patterns in results.	O, T1, T2, T3
	Plants	
3Bp1	Know that plants have roots, leaves, stems and flowers.	T2
3Bp2	Explain observations that plants need water and light to grow.	T2
3Bp3	Know that water is taken in through the roots and transported through the stem.	T2
3Bp4	Know that plants need healthy roots, leaves and stems to grow well.	T2
3Bp5	Know that plant growth is affected by temperature.	T2
	Humans and animals	
3Bh1	Know life processes common to humans and other animals include nutrition (water and food), movement, growth and reproduction.	T1, T3
3Bh2	Describe differences between living and non-living things using knowledge of life processes.	T1, T2
3Bh3	Explore and research exercise and the adequate, varied diet needed to keep healthy.	T1, T3
3Bh4	Know that some foods can be damaging to health, e.g. very sweet and fatty foods.	T1, T3
3Bh5	Explore human senses and the ways we use them to learn about our world.	T3

(Continued)

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3Bh6	Sort living things into groups, using simple features and describe rationale for groupings.	T1
	Material properties	
3Cp1	Know that every material has specific properties, e.g. hard, soft, shiny.	T1
3Cp2	Sort materials according to their properties.	T1, T2
3Cp3	Explore that some materials are magnetic but many are not.	T1, 2B
3Cp4	Discuss why materials are chosen for specific purposes on the basis of their properties.	T1, T2
	Forces and motion	
3Pf1	Know that pushes and pulls are examples of forces and that they can be measured with forcemeters.	T2
3Pf2	Explore how forces can make objects start or stop moving.	T2, T3
3Pf3	Explore how forces can change the shape of objects.	T1, T2
3Pf4	Explore how forces including friction can make objects move faster or slower or change direction.	T2, T3