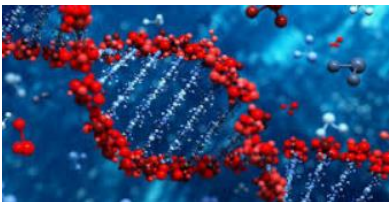


Children at the heart of our unique community becoming aspirational, reflective and independent learners for life

Topic:	Skills and Knowledge	Key Vocabulary
Materials: Properties and Change 	<ul style="list-style-type: none"> Compare and group together everyday materials based on evidence from comparative and fair tests, including their hardness, solubility, conductivity (electrical and thermal), and response to magnets. Understand how some materials will dissolve in liquid to form a solution and describe how to recover a substance from a solution. Use knowledge of solids, liquids and gases to decide how mixtures might be separated, including through filtering, sieving and evaporating. Give reasons, based on evidence from comparative and fair tests, for the particular uses of everyday materials, including metals, wood and plastic. Demonstrate that dissolving, mixing and changes of state are reversible changes. Explain that some changes result in the formation of new materials, and that this kind of change is not usually reversible, including changes associated with burning, oxidation and the action of acid on bicarbonate of soda. <p>Ongoing:</p> <ul style="list-style-type: none"> Plan enquiries, including recognising and controlling variables where necessary. Record data and results of increasing complexity using scientific diagrams and labels, classification keys, tables, bar and line graphs, and models. Report findings from enquiries, including oral and written explanations of results, explanations involving causal relationships, and conclusions. 	Hardness, conductivity (electrical and thermal conductor and insulator), magnetic, solubility, soluble, insoluble, solution, evaporate, condense, dissolve, filtering, sieving, reversible, irreversible, chemical change.
Subject:	Duration	Celebration:
Science	1 week (due to school closure)	Saturation point race.
Things to support learning at home:		Focus Value/Learning Power:
Consider which changes happen in cooking: which are reversible and which are irreversible?		Being Curious – investigating and asking questions; Friendship and co-operation in practical work.