

Missed or 'at risk' Science content from **Year 4** (2020)

- The following science units were affected by the 2020 lockdown, and so will represent gaps in the children's knowledge. It will not be possible to squeeze everything missed into the next year's curriculum, so this 'tracker' shows where catch-up might fit within the subsequent units that the children will encounter during their time at primary school.
- It is therefore important that before starting a relevant unit, initial assessment activities should be carried out to elicit prior knowledge e.g. discussion, simple investigations, concept cartoons, discussions images and questions from Explorify (free to register) etc.

Content	Notes	Year 5 Action	Year 6 Action
(NB: All Year 4 units covered during their time in Year 3 as a Year 3/4 cohort)			
Animals, Including Humans (Year 3 Unit)			
identify that animals, including humans, need the right types and amount of nutrition, and that they cannot make their own food; they get nutrition from what they eat	Taught as home learning		Revisit and consolidate in Animals, Including Humans Unit, in addition recognising the impact of diet on our bodies, and when describing transport of nutrients within the body
identify that humans and some other animals have skeletons and muscles for support, protection and movement	Taught as home learning		Revisit and consolidate in Animals, Including Humans Unit, in addition to naming main parts of human circulatory system
Plants (Year 3 Unit)			
identify and describe the functions of different parts of flowering plants: roots, stem/trunk, leaves and flowers	Not able to be covered in home learning	Include in Living things and Their Habitats unit, in addition to describing the life processes of reproduction in some plants; make comparisons with plant life cycles and animal life cycles	Revisit and consolidate in Living things and Their Habitats unit when giving reasons for classifying plants based on specific characteristics
explore the requirements of plants for life and growth (air, light, water, nutrients from soil, and room to grow) and how they vary from plant to plant	Not able to be covered in home learning		
explore the part that flowers play in the life cycle of flowering plants, including pollination, seed formation and seed dispersal	Not able to be covered in home learning		
investigate the way in which water is transported within plants	Not able to be covered in home learning		Include in Evolution & Inheritance Unit, when identifying how plants are adapted to suit their environment (e.g. adaptation of phloem cells & leaves to conserve water etc.)