



Mendell Primary School Aspire Challenge Achieve Key Sticky Knowledge Memory Flash Point Tracker: Science

Key Knowledge	MFP date									
F1 Know basic body parts & functions .e.g. we use eyes to see										
Observe floating and sinking										
F2 Group and name trees/plants and animal parts										
Group objects by materials: plastic, wood, glass, fabric, metal, stone										
Y1 Know the 4 seasons, daylight hours differ across the year										
Name & describe function plants & trees. Know deciduous & evergreen										
Name 5 groups of animals and know carnivore, herbivore & omnivore										
Link body parts to senses										
Know how to stay safe in the sun										
To name materials as above in FS – rock, brick, water, paper										
Y2Stages of human development, what humans & plants need to										
survive										
Know what contributes to a healthy lifestyle										
Basic life cycles of animals and know how to us simple food chains										
How some objects and materials can be changed										
To name a range of habitats &explain how animals are suited to them.										
Y3 Know skeleton and muscles give support, protection and movement										
Explain how fossils are formed										
Know and describe different types of soil and rock										
Functions of different parts of plant and how water is transported										
Explain light sources and reflectors. Why sunlight can be dangerous										
To know magnets have two poles one attracts and one repels										
Y4 Function and purpose of the digestive system										
4 types of teeth and how we take care for them										
Food webs and chains: producers, predators, prey										
Know the three states of matter and explain changes of state										
To know how sounds are made and how it travels										
Y5 Process of human, animal& plant reproduction and human puberty										
Solar system: Earths rotation in relation to day/night, explain gravity										
Name reversible and irreversible changes										
To know the effects of friction										
Y6 Name & describe purpose of the circulatory system										
Explain how light travels and how we see things										
Know how animals and plants adapt to suit their environment and										
how this can lead to evolution.										