Science

St Peter in Thanet CE Junior School

Summer 2

Year 3	Year 4	Year 5	Year 6
Forces and magnets -Compare how things move on different surfaces -Notice that some forces need contact between two objects, but magnetic forces can act at a distance -Observe how magnets attract or repel each other and attract some materials and not others -Compare and group together a variety of everyday materials on the basis of whether they are attracted to a magnet, and identify some magnetic materials -Describe magnets as having two poles -Predict whether two magnets will attract or repel each other, depending on which poles are facing. **Working Scientifically** -To be able to record findings in a bar chart -To be able to set up a simple fair-test.	**Living things and their habitats** - Recognise that living things can be grouped in a variety of ways -Explore and use classification keys to help group, identify and name a variety of living things in their local and wider environment -Recognise that environments can change and that this can sometimes pose dangers to living things **Working Scientifically** - To be able to gather, record, classify and present data in a variety of ways to help in answering questions. To be able to report on findings from enquiries, including oral and written explanations.	**Animals including humans** -Describe the changes as humans develop from birth to old age **Working Scientifically** - To be able to use evidence to refute or support an idea. - To be able to record data within tables. - To be able to present conclusions.	**Living things and their habitats** -Describe how living things are classified into broad groups according to common observable characteristics and based on similarities and differences, including micro-organisms, plants and animals -Give reasons for classifying plants and animals based on specific characteristics. **Working Scientifically** - To be able to identify scientific evidence that has been used to support or refute ideas or arguments. -To be able to make a key to classify animals