

Year 3

9 Science

Working Scientifically – Forces and Magnets



Key Vocabulary and Phrases	
ask questions	Use the question words What, where, when why, how
compare and contrast	Look at two or more objects and describe similarities (what is the same) and differences (what is different)
classify, sort and group	Organise objects by their features (e.g. colour, size, shape).
diagram	A labelled picture
record data	Drawings, scientific diagrams, photos, classification keys, tables, bar graphs and line graph, writing and numbers are ways to show what I have found out.
reporting and presenting findings	Giving reasons, explaining causes and relationships, explaining results and trusting its accuracy

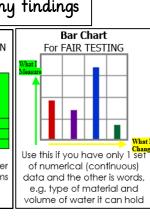
How I could record my findings





as well. It could be all

numerical or words



What I could investigate

Do different surfaces affect the distance a car travels?



Are all metals magnetic?



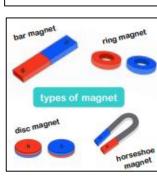
Do all magnets have the same magnetic strength?

Equipment I could use

Ramp to test different surfaces.



Moving objects (cars) to test on each surface.



Camera Pencil and paper

Various

Magnets

