

Contents of Year 7 Practical Workbook

Note: It is assumed that safety glasses are required for every lesson



Pg/s	Lesson	Extras Required
4	1 – Microscopy	AA Batteries, Tissue, Toilet paper, Newspaper, tshirt
5	2 – Insect Microscopy and Classification	Dead insects (ant, spider, cockroach, fly)
6	3 – Leaf Microscopy and Classification	Variety of leaves from the garden
7-8	4 – Equipment and Classification	None
8	5 – Classifying Chemistry Equipment	None
9	6 – Equipment Dichotomous Key	10 different leaves from the garden
10	7 – Orbits	Small coin, torch
11	8 – Forces – Pushes and Pulls	None
12	9 – Non-Contact Forces	None
13	10 – Forces with Syringes	None
14	11 – Paper Helicopter – Weight and Fall Time	Stopwatch (mobile phone is suitable)
15	12 – Friction Game	Large smooth table
16	13 – Surfaces and Cart Roll Distance	Tissue box and ramp
17	14 – Un-balanced Forces	None
18	15 – Balanced Forces	None
19	16 – Simple Machines and Work	None
20	17 – Simple Machines	30 cm ruler, pliers
21	18 – Pendulum Experiment	Plasticene and kitchen scales
22	19 – Personal Protective Equipment	None
23	20 – Lighting a Match Safely	Box of matches, food colour, tealight candle
23	21 – Investigating Solutions and Evaporation	Matches, food colour, tealight candle
24	22 – Diffusion Experiment	Matches, food colour, tealight candle, stopwatch
25	23 – Solubility Investigation , Sugar vs Salt	Sugar, salt, stopwatch, food colouring
26	24 – Solid, Liquid and Gas Properties	Matches, tealight candle, food colouring
27-28	25 – Phase Change and Temperature	Crushed ice, matches, tealight candle
29	26 – Separating Mixtures	Tea-light candle, matches, food colouring

Note: These lessons are tightly mapped to Year 7 of V9.0 of the Australian Curriculum