

Summary of Activities

	Title	Level of difficulty	Time needed	Extra information
1	Crystal Gardens	Basic	30 minutes	
2	Fake Stained Glass	Basic	30 minutes	Close teacher supervision recommended
3	Bouncing Custard Balls	Basic	30 minutes	
4	A Gas Cannon	Basic	30 minutes	Outdoor activity
5	King Kong's Hand	Basic	30 minutes	Close teacher supervision recommended
6	Bath Bombs	Basic	30 minutes or less	
7	Custard Behaving Strangely	Basic	20 minutes	
8	The Blushing Buttonhole	Basic	30 minutes or less	
9	Fizzy Dancing	Basic	30 minutes	
10	Disappearing Worms	Basic	30 minutes plus advance preparation	
11	Magic Sand	Basic	20-30 minutes	
12	Mystery Metal	Basic	30 minutes	'Circus' activity
13	Hard Evidence	Basic	A: 30 minutes, B: 15 minutes plus 24 hours to set	
14	Investigating Smarties And M&Ms	Basic	30 minutes	
15	The Secret of the Disposable Nappy	Basic	30 minutes	
16	Make a Snowflake	Basic/Intermediate	30 minutes plus overnight	Close teacher supervision recommended
17	Washing Soda Stalactites	Basic/Intermediate	30 minutes plus several days to develop	
18	Which Glue Is Stronger?	Basic/Intermediate	60 minutes plus testing when dry	
19	'Eggsperiment'	Basic/Intermediate	A: 30 minutes, B: 30 minutes, C: 30 minutes, D: leave for several hours	
20	Paper-Making	Intermediate	60 minutes	
21	Silvered Glass Balls	Intermediate	30 minutes	Close teacher supervision recommended
22	Electroplating a Design	Intermediate	30 minutes	
23	What Colour Are Leaves Really?	Intermediate/High	40-50 minutes	
24	Making and Colouring Glass Beads	Intermediate/High	30 minutes	
25	Making a Blueprint	Intermediate/High	30 minutes plus drying	
26	Find the Combination of the Safe	Intermediate/High	30 minutes	
27	Powerpoint Assignment on Elements	High	open ended assignment	
28	Fizzing in the Kitchen	All levels	open ended investigation	
29	Investigating Shampoos	High	open ended investigation	
30	Puzzles and Games			
D1	Zinc Christmas Tree	Teacher demonstration	30 minutes	
D2	Electrolysis of Red Cabbage Water	Teacher demonstration	30 minutes	
D3	Non-Burning £5 Note	Teacher demonstration	5 minutes	
D4	Gas Explosion	Teacher demonstration	5 minutes	
D5	Blue Glow	Teacher demonstration	5 minutes	
D6	Bubble Bath Tower	Teacher demonstration	5 minutes	