

### YEAR 7 – CHEMISTRY SCHEMES OF WORK

The chemistry modules have nine lessons and then 8 lessons assigned to them, giving 18 lessons for the chemistry rotation. Two lessons of Sc. 1 have been incorporated into the Scheme of work and one lesson has been assigned to the two module test.

Exploring Science 1 worksheets: C1 Target/Word and summary sheets can be distributed to help pupils with the course.

#### 7E ACIDS & ALKALIS

LESSON NUMBER	LESSON TOPIC
1	Introduction to acids & alkalis
2	Making and using an indicator
3	Investigating the pH of solutions
4	More on indicators and pH of solutions
5	Investigation neutralisation
6	The uses of neutralisation
7	Rainbow Fizz (Sc 1)
8	The causes and effects of acid rain

Exploring Science 2 worksheets: C5 & C7 Target/Word and summary sheets can be distributed to help pupils with the course.

#### 7F SIMPLE CHEMICAL REACTIONS

LESSON NUMBER	LESSON TOPIC
1	Investigating chemical reactions
2	Investigating physical changes
3	Investigating how acids react with metals
4	Investigating how acids react with metal carbonates
5	Investigating burning materials in oxygen
6	What products are made when a fuel burns?
7	Investigating what is needed for materials to burn
8	Investigating how much gas is present in fizzy drinks (Sc 1)
9	Investigating how much gas is present in fizzy drinks (Sc 1)
10	Module tests