

### YEAR 8 – CHEMISTRY SCHEMES OF WORK

The chemistry modules have ten lessons and then eight 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 2 worksheets: C8 Target/Word and summary sheets can be distributed to help pupils with the course.

#### 8G & 8H WEATHERING AND THE ROCK CYCLE

<b>LESSON NUMBER</b>	<b>LESSON TOPIC</b>
<b>1</b>	<b>Introduction into types of rock weathering</b>
<b>2</b>	<b>Types of rock weathering (continued) (Sc 1)</b>
<b>3</b>	<b>What happens to weathered pieces of rock?</b>
<b>4</b>	<b>Identifying the different types of rocks (Sc 1)</b>
<b>5</b>	<b>How are igneous rocks formed?</b>
<b>6</b>	<b>An experiment to investigate the formation of crystals in rocks (Sc 1)</b>
<b>7</b>	<b>How are sedimentary rocks formed?</b>
<b>8</b>	<b>How are metamorphic rocks formed?</b>
<b>9</b>	<b>The rock cycle</b>
<b>10</b>	<b>The different rock structures found in the Earth's crust</b>

Exploring Science 9 worksheets: GC Target/Word and summary sheets can be distributed to help pupils with the course.

#### 9G ENVIRONMENTAL CHEMISTRY

<b>LESSON NUMBER</b>	<b>LESSON TOPIC</b>
<b>1</b>	<b>Acids, alkalis and neutral substances (Sc 1)</b>
<b>2</b>	<b>Neutralisation (Sc1)</b>
<b>3</b>	<b>Investigating the pH of soil samples (Sc 1)</b>
<b>4</b>	<b>The causes and the effects of acid rain on the environment</b>
<b>5</b>	<b>History and theory of burning</b>
<b>6</b>	<b>The effects of global warming</b>
<b>7</b>	<b>Monitoring pollution</b>
<b>8</b>	<b>Module test</b>