

**Y10 Chemistry (COMBINED) Curriculum Map**

SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER	JANUARY	FEBRUARY
<b>1</b>	<b>1</b> Current topic: 4.1 Chemical Changes	<b>1</b>	<b>1</b>	<b>1</b>	<b>1</b>
<b>2</b> iINSET?	<b>2</b> Retrieval focus:	<b>2</b>	<b>2</b> Current topic: 2.1 Bonding, structure and the properties of matter	<b>2</b>	<b>2</b>
<b>3</b> iINSET?	<b>3</b> 1.1.3 History of the atom	<b>3</b>	<b>3</b>	<b>3</b>	<b>3</b> Current topic: 5.1 Exothermic and endothermic reactions
<b>4</b> Recap Unit 1 from Y9	<b>4</b>	<b>4</b> Current topic: 4.2 Reactions of acids	<b>4</b> Retrieval focus: 4.2.3* RP - Salts from insoluble bases	<b>4</b>	<b>4</b>
<b>5</b> Current topic: 1.1 Atomic Structure and Periodic Table)	<b>5</b>	<b>5</b> Retrieval focus: 1.1.6 Ions, atoms and isotopes	<b>5</b>	<b>5</b>	<b>5</b> Retrieval focus: 2.2.4 Properties of small molecules
<b>6</b>	<b>6</b>	<b>6</b>	<b>6</b>	<b>6</b> iINSET?	<b>6</b>
<b>7</b>	<b>7</b> Current topic: 4.2 Reactions of acids	<b>7</b>	<b>7</b>	<b>7</b> Current topic: 4.3 Electrolysis	<b>7</b>
<b>8</b>	<b>8</b> Retrieval focus: 1.1.7 Electronic structure	<b>8</b>	<b>8</b>	<b>8</b> Retrieval focus: Balancing equations	<b>8</b>
<b>9</b> Current topic: 1.1 & 1.2 Atomic Structure and Periodic Table	<b>9</b>	<b>9</b>	<b>9</b> Current topic: 2.1 Bonding, structure and the properties of matter	<b>9</b>	<b>9</b>
<b>10</b> TEST	<b>10</b>	<b>10</b>	<b>10</b>	<b>10</b>	<b>10</b> Current topic: 5.1 Exothermic and endothermic reactions
<b>11</b>	<b>11</b>	<b>11</b> Current topic: 2.1 Bonding, structure and the properties of matter	<b>11</b> Retrieval focus: 4.2.2* Making more salts	<b>11</b>	<b>11</b>
<b>12</b>	<b>12</b>	<b>12</b> Retrieval focus: 4.1.2 The reactivity series	<b>12</b>	<b>12</b>	<b>12</b> Retrieval focus: 2.1.5/8 Metallic bonding
<b>13</b>	<b>13</b>	<b>13</b>	<b>13</b>	<b>13</b> Current topic: 4.3 Electrolysis	<b>13</b>
<b>14</b>	<b>14</b> Current topic: 4.2 Reactions of acids	<b>14</b>	<b>14</b>	<b>14</b> Retrieval focus: 2.1.2 Ionic bonding	<b>14</b>
<b>15</b>	<b>15</b> Retrieval focus: 1.2.1-2 Development of the PT	<b>15</b>	<b>15</b>	<b>15</b>	<b>15</b>

SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER	JANUARY	FEBRUARY
<b>16</b> Current topic: 4.1 Chemical Changes	<b>16</b>	<b>16</b>	<b>16</b> Current topic: 2.1 Bonding, structure and the properties of matter	<b>16</b>	<b>16</b>
<b>17</b>	<b>17</b>	<b>17</b>	<b>17</b>	<b>17</b>	<b>17</b>
Retrieval focus: <b>18</b> 1.1.1 Atoms, elements and compounds	<b>18</b>	<b>18</b> Current topic: 2.1 Bonding, structure and the properties of matter	<b>18</b> Retrieval focus: 4.2.4 The pH scale and neutralisation	<b>18</b>	<b>18</b>
<b>19</b>	<b>19</b>	<b>19</b>	<b>19</b>	<b>19</b>	<b>19</b>
<b>20</b>	<b>20</b>	<b>20</b> Retrieval focus: 4.1.3 Extraction of metals and reduction	<b>20</b> Current topic: 4.3 Electrolysis	<b>20</b>	<b>20</b>
<b>21</b>	<b>21</b> Current topic: 4.2 Reactions of acids	<b>21</b>	<b>21</b>	<b>21</b> Retrieval focus: 2.1.3, 2.2.3	<b>21</b>
<b>22</b>	<b>22</b> Retrieval focus: 1.2.5 Group 1 1.2.6 Group 7	<b>22</b>	<b>22</b>	<b>22</b> Ionic compounds and their Properties	<b>22</b>
<b>23</b> Current topic: 4.1 Chemical Changes	<b>23</b>	<b>23</b>	<b>23</b>	<b>23</b>	<b>23</b>
<b>24</b>	<b>24</b>	<b>24</b>	<b>24</b>	<b>24</b>	<b>24</b> Current topic: 5.1 Exothermic and endothermic reactions
Retrieval focus: <b>25</b> 1.1.2 Mixtures	<b>25</b>	<b>25</b> Current topic: 2.1 Bonding, structure and the properties of matter	<b>25</b>	<b>25</b>	<b>25</b>
<b>26</b>	<b>26</b>	<b>26</b>	<b>26</b>	<b>26</b>	<b>26</b> Retrieval focus: 1.2.5 Group 1 1.2.6 Group 7
<b>27</b>	<b>27</b>	<b>27</b> Retrieval focus: 4.2.1 Salts from metals	<b>27</b>	<b>27</b> Current topic: 4.3 Electrolysis	<b>27</b>
<b>28</b>	<b>28</b>	<b>28</b>	<b>28</b>	<b>28</b> Retrieval focus: 2.1.4 Covalent bonding	<b>28</b>
<b>29</b>	<b>29</b>	<b>29</b>	<b>29</b>	<b>29</b>	
<b>30</b>	<b>30</b>	<b>30</b>	<b>30</b>	<b>30</b>	
	<b>31</b>		<b>31</b>	<b>31</b>	

### Y10 Chemistry (COMBINED) Curriculum Map

MARCH		APRIL		MAY		JUNE		JULY	
1		1	Current topic: 2.3 Structure and bonding in carbon	1		1		1	
2		2		2		2	Whole School Yr 7&8 Exam Week	2	
3	Current topic: 3.1 Chemical measurements, conservation of mass and quantitative interpretation of chemical measurements	3	Retrieval focus: 1.2.1-2 Development of the PT	3		3	Current topic: REVISION FOR MOCKS	3	
4		4		4		4		4	
5		5		5		5		5	
6		6		6	Current topic: 6.1 Rate of reaction	6		6	
7	Retrieval focus: Balancing	7		7	Retrieval focus: 1.2.6 Group 7	7		7	Current topic: 6.2 Reversible reactions and dynamic equilibrium
8		8		8		8		8	
9		9		9		9	Current topic: REVISION FOR MOCKS	9	Retrieval focus: 4.2.1 Salts from metals
10	Current topic: 3.1 Chemical measurements, conservation of mass and quantitative interpretation of chemical measurements	10		10		10		10	
11		11			11		11	11	
12		12		12	Current topic: 6.1 Rate of reaction	12		12	
13		13		13		13		13	
14	Retrieval focus: 1.1.2 Mixtures	14		14	Retrieval focus: 4.1.2 The reactivity series	14		14	Current topic: 6.2 Reversible reactions and dynamic equilibrium
15		15		15		15		15	

MARCH		APRIL		MAY		JUNE		JULY	
16		16		16		16	Current topic: REVISION FOR MOCKS	16	
17	Current topic: 2.3 Structure and bonding in carbon	17		17		17		17	
18		18		18		18		18	
19	Retrieval focus: 1.2.1-2	19		19	Current topic: REVISION FOR MOCKS	19		19	
20	Development of the PT	20		20		20	20		
21		21		21			21		
22		22	Current topic: 6.1 Rate of reaction	22		22		22	
23		23	Retrieval focus: Balancing Equations	23		23	Year 10 & 12 Mocks	23	
24	Current topic: 2.3 Structure and bonding in carbon	24		24		24		24	
25		25	25		25	25			
26	Retrieval focus: 1.1.6 Ions, atoms and isotopes	26		26		26		26	
27		27		27		27		27	
28		28	Current topic: 6.1 Rate of reaction	28		28		28	
29		29		29		29		29	
30		30	Retrieval focus: 1.2.5 Group 1	30		30		30	
31				31				31	