

AS 4: Brain Science

Centre No:		Candidate No:					
* Investigation not linked to specific LO but should be included in portfolio evidence.							
<b>Note:</b> the numbers in brackets relate to the bullet point within submission requirements on page 94 of the specification.							
Portfolio Tasks	Learning Outcome	Assessment Objective	Marks Band 1	Marks Band 2	Marks Band 3	Marks Band 4	
Investigation into materials used to protect the brain (2)	*		1-6	7-13	14-20	21-26	
		AO3(i)					
			1-7	8-14	15-21	22-28	
Fact sheet on the brain (1)	4.1.1 4.1.2 4.1.3 4.1.4	AO1	1-3	4-6	7-9	10-12	
Centre Devised 1: Adrenaline investigation	4.1.5	AO3(i)	1-6	7-13	14-20	21-26	
				1-7	8-14	15-21	22-28
				AO3 (ii)			
Fact sheet on the brain (1)	4.1.6 4.1.7 4.1.8 4.1.9 4.1.10	AO1	1-3	4-6	7-9	10-12	
	4.1.11	AO2	1-4	5-7	8-10	11-14	
Statistical research (8)			1-7	8-14	15-21	22-28	
	4.1.12	AO3(ii)					
Fact sheet on stress (3)	4.2.1 4.2.2 4.2.3	AO1	1-3	4-6	7-9	10-12	
	4.2.4	AO2	1-4	5-7	8-10	11-14	
			1-7	8-14	15-21	22-28	
	4.2.5	AO3(ii)					
Investigation on stress (4)	*		1-6	7-13	14-20	21-26	
		AO3(i)					
			1-7	8-14	15-21	22-28	
		AO3(ii)					

			<b>1-3</b>	<b>4-6</b>	<b>7-9</b>	<b>10-12</b>
Fact sheet on memory (5)	4.3.1	AO1				
	4.3.2					
	4.3.3					
	4.3.4					
	4.3.5	AO2	<b>1-4</b>	<b>5-7</b>	<b>8-10</b>	<b>11-14</b>
Centre Devised 2: Eye witness statements			<b>1-3</b>	<b>4-6</b>	<b>7-9</b>	<b>10-12</b>
	4.3.6	AO1				
Investigation on memory (6)	*		<b>1-6</b>	<b>7-13</b>	<b>14-20</b>	<b>21-26</b>
		AO3(i)				
			<b>1-7</b>	<b>8-14</b>	<b>15-21</b>	<b>22-28</b>
		AO3 (ii)				
Centre Devised 3: Pscopathology and treatment			<b>1-3</b>	<b>4-6</b>	<b>7-9</b>	<b>10-12</b>
	4.4.1	AO1				
			<b>1-4</b>	<b>5-7</b>	<b>8-10</b>	<b>11-14</b>
	4.4.2	AO2				
			<b>1-3</b>	<b>4-6</b>	<b>7-9</b>	<b>10-12</b>
	4.4.3	AO1				
4.4.4						
4.4.5						
Evaluation of scientific methods (7)			<b>1-3</b>	<b>4-6</b>	<b>7-9</b>	<b>10-12</b>
	4.5.1	AO1				
	4.5.2					
	4.5.3					
			<b>1-6</b>	<b>7-13</b>	<b>14-20</b>	<b>21-26</b>
	4.5.4	AO3(i)				
			<b>1-7</b>	<b>8-14</b>	<b>15-21</b>	<b>22-28</b>
	4.5.5	AO3(ii)				
			<b>1-4</b>	<b>5-7</b>	<b>8-10</b>	<b>11-14</b>
	4.5.6	AO2				
	4.5.7					
	4.5.8					
	4.5.9					
	4.5.10					
	4.5.11					
		<b>1-7</b>	<b>8-14</b>	<b>15-21</b>	<b>22-28</b>	
4.5.12	AO3(ii)					
		<b>1-4</b>	<b>5-7</b>	<b>8-10</b>	<b>11-14</b>	
4.5.13	AO2					
4.5.14						
4.5.15						
<b>Note: 4.5.4- 4.5.15 CAN BE ANNOTATED THROUGHOUT THE PRACTICAL INVESTIGATIONS</b>						

Assessment Objective	AO Total	Divide By
<b>AO1</b>	<b>24</b>	<b>____/12</b>
<b>AO2</b>	<b>13</b>	<b>____/14</b>
<b>AO3(i)- Practical</b>	<b>5</b>	<b>____/26</b>
<b>AO3(ii)- Theory</b>	<b>8</b>	<b>____/28</b>
<b>Total</b>		<b>____/80</b>