

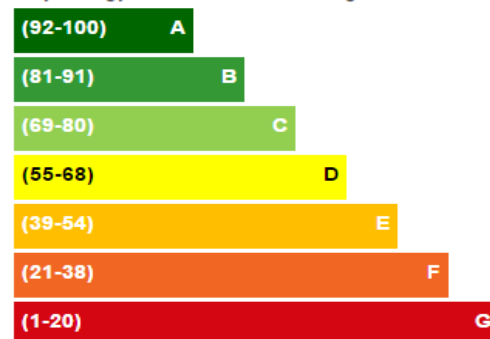


Energy Efficiency

School Name	GEMS Wellington International School
Number of Enrolled Students	500
Total School Area:	8 Acres
Year Groups:	
<input type="checkbox"/> FS1	<input type="checkbox"/> Year 4
<input type="checkbox"/> FS2	<input type="checkbox"/> Year 5
<input type="checkbox"/> Year 1	<input type="checkbox"/> Year 6
<input type="checkbox"/> Year 2	<input type="checkbox"/> Year 7
<input type="checkbox"/> Year 3	<input type="checkbox"/> Year 8
<input type="checkbox"/> Year 9	<input type="checkbox"/> Year 10
<input type="checkbox"/> Year 11	<input type="checkbox"/> Year 12
<input type="checkbox"/> Year 13	<input type="checkbox"/> Year 13

Energy Efficiency Rating

Very energy efficient-Lower running costs



Not energy efficient-Higher running costs

Current

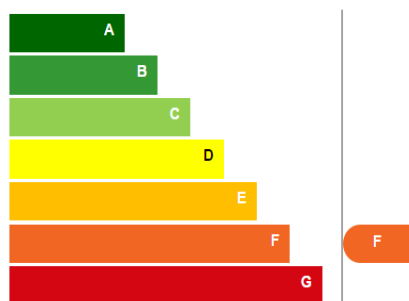
Potential

37

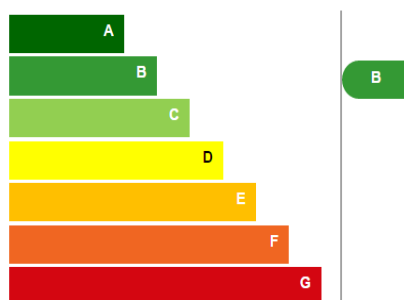
19

Building Energy Efficiency		Vehicle Fuel Efficiency		Students Carbon Efficiency	
Number of buildings	3	Petrol Vehicles	23	Number of Students	230
Office area	33kW per sq.m	Diesel Vehicles	57	Total carbon emission	4,500 kg p.a
Warehouse	12 kW per sq.m	Petrol fuel consumption	5 L/km		
Factory	50 kW per sq.m	Diesel fuel consumption	3 L/km		
Building emissions factor	6	Average age of vehicles	4 years		

Building Energy Efficiency



Vehicle Fuel Efficiency



Students Carbon Efficiency

