

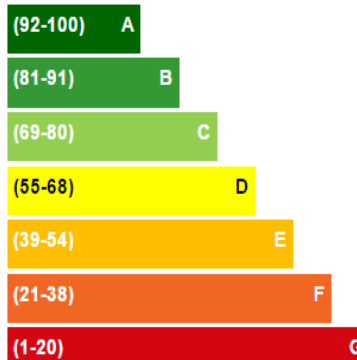


## Energy Efficiency

<b>School Name</b>	GEMS Wellington International School	
<b>Number of Enrolled Students</b>	500	
<b>Total School Area:</b>	8 Acres	
<b>School Address</b>	Al Sufouh Area, Sheikh Zayed Road - Dubai	
<b>Year Groups:</b>		
<input type="checkbox"/> FS1	<input type="checkbox"/> Year 4	<input type="checkbox"/> Year 9
<input type="checkbox"/> FS2	<input type="checkbox"/> Year 5	<input type="checkbox"/> Year 10
<input type="checkbox"/> Year 1	<input type="checkbox"/> Year 6	<input type="checkbox"/> Year 11
<input type="checkbox"/> Year 2	<input type="checkbox"/> Year 7	<input type="checkbox"/> Year 12
<input type="checkbox"/> Year 3	<input type="checkbox"/> Year 8	<input type="checkbox"/> Year 13

### Energy Efficiency Rating

Very energy efficient-Lower running costs



Not energy efficient-Higher running costs

Current	Possible
	19
37	

Building Energy Efficiency	
Number of buildings	3
Office area	33kW per sq.m
Classrooms area	12 kW per sq.m
Facilities area	50 kW per sq.m
Building emissions factor	6

Vehicle Fuel Efficiency	
Petrol Vehicles	23
Diesel Vehicles	57
Petrol fuel consumption	5 L/km
Diesel fuel consumption	3 L/km
Average age of vehicles	4 years

Students' Carbon Efficiency	
Number of students	230
Total carbon emission	4,500 kg p.a
School days this month	20
School days so far this year	100

