











Building Energy Performance		Scotland						
Energy Performance Certificate	Calculated asset rating using iSBEM v4.1.c [SBEM]	Building type Non-residential Inst.: Education						
	Current rating							
	Excellent							
		Carbon Neutral						
		A (0 to 15)						
		B (16 to 30)						
		C (31 to 45)						
		D (46 to 60)						
	E (61 to 80)							
	F (81 to 100)							
	G (100+)							
Very Poor								
Carbon Dioxide Emissions								
The number refers to the calculated carbon dioxide emissions in terms of kg per m ² of floor area per year		53						
Approximate current energy use per m ² of floor area:		226 kWh/m²						
Main heating fuel: Natural Gas		Building Services: Heating with Nat. Vent.						
Renewable energy source: None		Electricity: Grid supplied						
Carbon Dioxide is a greenhouse gas which contributes to climate change. Less Carbon Dioxide emissions from buildings helps the environment.								
Benchmarks								
A building of this type built to building regulations standards current at the date of issue of this certificate would have a rating:		11  A						
Where the accompanying recommendations for the cost effective improvement of energy performance are applied, this building would have a rating:		35  C+						
Recommendations for the cost-effective improvement (lower cost measures) of the energy performance								
<table border="0" style="width: 100%;"> <tr> <td style="width: 50%;">1. Appoint member of staff as Energy Manager.</td> <td style="width: 50%;">4. Consider replacing T8 lamps with retrofit T5 conversion kit.</td> </tr> <tr> <td>2. Fit Occupancy sensors.</td> <td>5. Add time control to HWS secondary circulation.</td> </tr> <tr> <td>3. Fit Variable Speed pumps.</td> <td>6. Introduce HF (high frequency) ballasts for fluorescent tubes: Reduced number of fittings required.</td> </tr> </table>			1. Appoint member of staff as Energy Manager.	4. Consider replacing T8 lamps with retrofit T5 conversion kit.	2. Fit Occupancy sensors.	5. Add time control to HWS secondary circulation.	3. Fit Variable Speed pumps.	6. Introduce HF (high frequency) ballasts for fluorescent tubes: Reduced number of fittings required.
1. Appoint member of staff as Energy Manager.	4. Consider replacing T8 lamps with retrofit T5 conversion kit.							
2. Fit Occupancy sensors.	5. Add time control to HWS secondary circulation.							
3. Fit Variable Speed pumps.	6. Introduce HF (high frequency) ballasts for fluorescent tubes: Reduced number of fittings required.							

Address: Kittybrewster Primary School, Great Northern Road, Aberdeen, AB24 3QG
Conditioned area (m²): 2527
Name of protocol organisation: BRE Global, [BRE-ND-EPC00535]
Date of issue of certificate: 27 May 2011 (Valid for a period not exceeding 10 years)
 This certificate is a requirement of EU Directive 2002/91/EC on the energy performance of buildings.
NB THIS CERTIFICATE MUST BE AFFIXED TO THE BUILDING AND NOT REMOVED UNLESS REPLACED WITH AN UPDATED VERSION AND FOR PUBLIC BUILDINGS DISPLAYED IN A PROMINENT PLACE