










Building Energy Performance		Scotland
Energy Performance Certificate	Calculated asset rating using iSBEM v3.4.b [SBEM]	Building type Primary school
	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		75
Approximate current energy use per m ² of floor area:		177 kWh/m²
Main heating fuel: Grid Supplied Electricity		Building Services: Heating with Nat. Vent.
Renewable energy source:		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:		37  C+
Where the accompanying recommendations for the cost effective improvement of energy performance are applied, this building would have a rating:		39  C
Recommendations for the cost-effective improvement (lower cost measures) of the energy performance		
1. Occupancy controls	4. Consider replacing T8 lamps with retrofit T5 conversion kit.	
2. Install more efficient water heater.	5. Introduce HF (high frequency) ballasts for fluorescent tubes: Reduced number of fittings required.	
3. Replace tungsten GLS lamps with CFLs: Payback period dependent on hours of use.	6. Consider installing an air source heat pump.	

Address: Forehill Primary School, Jesmond Drive, Bridge of Don, Aberdeen, AB22
Conditioned area (m²): 1840
Name of protocol organisation: BRE Global, [BRE-ND-EPC00535]
Date of issue of certificate: 12 Nov 2010 (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