



# TYPICAL CLASSROOM PLAN (Natural daylight & ventilation from one side only)

- NOTES**
- This document is published by the Department of Education & Science and provides guidance in relation to the requirements for a Typical Primary School Classroom. The document should be read in conjunction with the Technical Guidance Documents for Primary School Buildings as published by the Department of Education & Skills. <http://www.education.ie/en/School-Design/Technical-Guidance-Documents/>
  - Where works are carried out in accordance with the guidance in this document, this will, prima facie, indicate compliance with Technical Guidance Documents for Primary School Buildings as published by the Department of Education & Skills. However, the adoption of an approach other than that outlined in the guidance is not precluded provided that the relevant requirements of the Technical Guidance Documents are complied with.
  - Please do not scale the drawing use figured dimensions.
  - All dimensions given are in millimetres
  - All room dimensions are "internal dimensions".
  - Area - Net internal area of the room (including recess outside classroom).
  - All elevations are internal room elevations.

- No. GENERAL**
- Good quality daylight distribution is required in each classroom and the average daylight factor should be a minimum of 4.5% with the emphasis on an even light distribution through the space. A schedule of all daylight factors for classrooms and all other rooms is to be provided as part of the Stage 2A submission. In calculating the daylight factor the computer areas and the area 700mm in front of the storage wall, if provided, may be excluded. If rooms must be north facing due to site restrictions efforts should be made to achieve solar penetration to the rooms.
  - Window sill heights in classrooms shall be a minimum of 700mm above the finished floor level.
  - Adequate natural ventilation should be achievable in classrooms without draughts. The window design with respect to geometry and opening sections shall be in compliance with Section 3, Natural Ventilation & Overheating, TGD-030 and must take into account overheating and air tightness standards. The resultant dry temperature shall not exceed 25°C for more than 5% of the school year in all habitable rooms and teaching spaces. Blinds on windows in teaching spaces shall be manually operated heavy duty contract grade steel tube spring-less rollers, complete with side winder ball chain control units and child safety clips appropriately sized for each opening and shall be in compliance with Irish Standard ISEN 13120 - Internal Blinds. The blind material shall be in compliance with Clause 4: Blinds, TGD-030 and should meet the designation of 'flameproof' when assessed in accordance with BS 3120: 1959. A test certificate as in Appendix C of "Fire safety of furnishings and fittings in places of assembly" should be supplied for each item specified.
  - Classroom door with a minimum clear opening width of 850mm, door to incorporate 1450 x 190mm safety glazing strip.

- FIXED FURNITURE**
- 760mm high x 600mm deep x 3200mm long wet area unit (closed off with unit doors) with 1500 x 500mm stainless steel double bowl double drainer sink & single swivel on/off mixer tap (refer to TGD 002) with 3200mm x 300mm high tiled splash back above unit.
  - IT Area - 3000mm long x 600mm deep counter top for computers, fitted 670mm above FFL with Dado trunking fitted above.
  - Coat rail 3000mm minimum length suitable for 30 No. coats, fixed 1000-1200mm above FFL
  - Open shelving unit consisting of 4000mm of shelving, fixed 1200-1300mm above FFL Storage unit consisting of sliding door system with 6mm bulletin board material fixed to doors and 11000mm of 600mm deep plus 11000mm of 300mm deep heavy duty adjustable shelving, no part of shelving should be greater than 2200mm above FFL
  - 2400 x 1200mm magnetic white board, fixed 800-900mm above FFL. Where an interactive board is being supplied (by others) the white board should be reduced to 1200 x 1200mm.
  - 2400 X 1200mm notice board

- LOOSE FURNITURE**
- As per schools approved furniture schedule (not part of building contract)
- ENSUITE TOILETS:**
- Bracket mounted WHB, fixed 760mm above FFL (exposed pipework to be securely fixed to wall and boxed in where required to prevent vandalism) with 400 x 200mm tiled splash back over WHB
  - 1100mm high stud wall to rear wet area unit forming 300mm high splashback
  - Dual flush low water volume close-coupled WC, standard height, with hat topped distern providing approx. 125 x 400mm flat surface.
  - Grab rails to walls and doors to comply with diagram 19 TGD M 2010
  - Window zone
  - Ensuite toilet door with a minimum clear opening width of 750mm

**FINISHES:**

Flooring: Classroom - sheet vinyl/floorure/rubber with slip resistance of R9 to DIN: 51130.  
Toilets - sheet vinyl/floorure/rubber with a slip resistance of R10 to DIN: 51130  
Walls: Durable, hard wearing, easy to clean paint  
Ceilings: Suspended ceiling to have a sound attenuation performance as set out in TGD021.5 Acoustic Performance in Schools.  
For further information on finishes refer to TGD-Q21 & TGD-Q22  
See Drawing TDG 022 - D02 for electrical symbol legend.

<b>PRIMARY ROOM LAYOUTS</b>		SCALE:	nts
<b>TYPICAL CLASSROOM - PLAN</b>		DRG No:	TGD 022 - D01
<b>FLOOR AREA (80 m<sup>2</sup>)</b>		DATE:	Nov '08
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STAGE:	DOCUMENT ADDENDUM APPROVED	APPROVED BY:	P+T
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