

# Stewart Ross MEd., BDes., PGCE

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D.O.B 13/09/1978

British Citizen born in Scotland

Hong Kong Permanent Resident

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## Experience overview

14 years design teaching experience (10 years internationally). 4 years design industry experience. IB Senior Examiner and Assessment Author (Nov. Paper 2) for IB DP Design Technology. Published Author for Harper Collins (*iGCSE Design and Technology book*) and Routledge (*Free Learning: A Student-Directed Pedagogy in an Asian Context*). International education conference presenter (AISC and 21CLCHK). International leader, speaker and advisor on Design Thinking, STEAM and MakerEd.

## Recent teaching experience

### 2020 – Present

**Malvern College Hong Kong**

*Head of Design*

*MYP/DP Design*

### 2012 – 2020

**West Island School, ESF, Hong Kong**

*Teacher of MYP and DP Design*

### 2008 – 2012

**The Compton School, Barnet, London**

*Teacher of GCSE Design and Technology in charge of GCSE Product Design (TLR2a)*

## Other teaching experience

### 2004-2006

**Shane English Schools Japan, Tokyo**

*Teacher of English*

### 2003-2004

**Little Campus English School, Busan, South Korea**

*Teacher of English*

## **Design industry experience**

**2006-2007**

**Freelance Multimedia Designer, London**

*Multimedia and video editing/effects*

**2000-2003**

**NMI Group, London**

*Multimedia Designer*

## **Examining and Authoring**

**2021-22**

**International Baccalaureate**

*Curriculum Development team*

*DP Design Technology*

**Free Learning: A Student-Directed Pedagogy in an Asian Context (Routledge)**

*Chapter Author: Free Learning Approach to STEM delivery*

**2018-current**

**International Baccalaureate**

*DP Assessment Author*

**2017-current**

**International Baccalaureate**

*DP Senior Examiner Design Technology*

**2013-2016**

**International Baccalaureate**

*DP Assistant Examiner Design Technology (Paper 2 and IA's)*

**2016**

**Cambridge International Education (Harper Collins)**

*IGCSE Design and Technology Book*

## **Talks**

**2020**

**BSD Academy and Deutsche Bank: Teachers Meet Businesses**

*'VR for Empathy in Design Thinking'*

**2019**

**21<sup>st</sup> Century Learning Conference Hong Kong**

*'A Maker Mindset – Tools to Navigate an Automated World'*

**2018**

**Asia Pacific International Schools Conference (AISC) Hong Kong**

*'A Maker Mindset – Tools to Navigate an Automated World'*

<https://aisc.com.hk/event/portfolio/stewart-ross/>

**RISE Swedish Education and Industry visit to Hong Kong**

*'Building a Maker Culture'*

**Anglo-American School Moscow, Russia**

*Envision NOW (Navigating Our World). Invited participant to thinktank on the future of education and AI.*

**2016 to 2019**

**21<sup>st</sup> Century Learning Conference Hong Kong**

*Makerspace tour and talk*

**2017**

**21<sup>st</sup> Century Learning Conference Hong Kong (Teachmeet)**

*AR and VR in the classroom*

## **Education**

**Jan 2011-Mar 2013**

**Middlesex University**

*Masters in Education (Teaching and Learning)*

**2007-2008**

**Goldsmiths College, University of London**

*PGCE Design and Technology, Secondary, Full-Time*

**1996-2000**

**Duncan of Jordanstone College of Art, Dundee, Scotland**

*BDes Hons Graphic Design*

1st Class Honours

**1990-1996**

**Nairn Academy, Scotland**

*Scottish Sixth Year Studies (equiv. AS-level)*

A

*Scottish Highers (equiv. A-level)*

4 A's, 4 B's

## **Skills**

### **Skills**

- Highly skilled in Adobe CC Suite (Illustrator, Photoshop, XD, Character Animator)
- Highly skilled in 3D CAD (Autodesk Fusion 360, Onshape)
- CAD/CAM (Laser Cutting, Vinyl Cutting, 3D printing)
- STEM and new technologies – cospaces, merge cube for AR, sphero, microbit, VR 360

### **Languages**

- Native English speaker
- Intermediate Japanese (Japanese Language Proficiency Level 5)

## **Referees**

### **Headteacher Malvern College**

[rlister@malverncollege.org.hk](mailto:rlister@malverncollege.org.hk)

### **MYP co-ordinator Malvern College**

[kenglart@mchk.edu.hk](mailto:kenglart@mchk.edu.hk)

### **Subject Manager IB**

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