

## **Stewart Ross MEd., BDes., PGCE**

1/2F 252 San Tau Kok, Tai Po, N.T, Hong Kong.

D.O.B 13/09/1978

British Citizen born in Scotland

Hong Kong Permanent Resident

stewart\_j\_ross@hotmail.com

[www.stewartjamesross.com](http://www.stewartjamesross.com)

+852 65467364



### **Career Overview**

15 years design teaching experience (11 years internationally). 4 years design industry experience. 3 years Head of Faculty. IB Senior Examiner, Curriculum Developer, Assessment Content Developer 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.

### **Relevant teaching experience**

#### **2020 – Present**

Malvern College Hong Kong

*Head of MYP and DP Design (from 2021)*

#### **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

#### **2000-2003**

NMI Group, London

*Multimedia Designer*

## **IB roles**

### **2018-current**

International Baccalaureate

*DP Assessment Content Developer*

Authoring examination papers for DP Design Technology

### **2017-current**

International Baccalaureate

*DP Senior Examiner Design Technology*

Standardization of markschemes, creation of practice, qualification and seed scripts paper 2.

Team leader. EUR and ATRisk marking. Grade award. Subject report writing.

### **2021-current**

International Baccalaureate

*Curriculum Developer*

Attending Curriculum review meetings, subject strategy meetings, writing and scrutineering specimen papers.

### **2013-2016**

International Baccalaureate

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

## **Published works**

### **2021**

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

*Chapter: Free Learning Approach to STEM delivery*

### **2016**

Cambridge International Education (Harper Collins)

*IGCSE Design and Technology Book*

## **Conference Talks and Presentations**

### **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/>

### **2018**

RISE Swedish Education and Industry visit to Hong Kong

*'Building a Maker Culture'*

## 2018

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

Highly skilled in Adobe CC Suite (Illustrator, Photoshop, XD, Character Animator)

Highly skilled in 3D CAD (Autodesk Fusion 360)

CAD/CAM (Laser Cutting, Vinyl Cutting, 3D printing)

STEM, programmable and new technologies – cospaces, merge cube for AR, sphero, microbit,

VR 360 video

## Languages

Native English speaker

Intermediate Japanese (Japanese Language Proficiency Level 5)

## Referees

Available on request

