

Stewart Ross MEd. BDes. PGCE

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

D.O.B 13/09/1978 (Age 45)

British Citizen born in Scotland

Hong Kong Permanent Resident

Married, 2 children

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Career Overview

- 16 years design teaching experience (12 years internationally)
- 3 years experience as Head of Department
- 4 years design industry experience
- IB Senior Examiner, Curriculum Developer, Assessment Content Developer for IB DP
- User Unit Leader and Gold Qualified Instructor Hong Kong Award for Young People (DofE)
- Published educational author
- International leader, speaker and advisor on Design Thinking, STEM and MakerEd

Relevant teaching experience

- **Malvern College Hong Kong**
Teacher of MYP and DP Design (Head of Design from 2021)
2020 – Present
- **West Island School, ESF, Hong Kong**
Teacher of MYP and DP Design
2012 – 2020
- **The Compton School, Barnet, London**
Teacher of GCSE Design and Technology in charge of GCSE Product Design
2008 – 2012

Other teaching experience

- **Shane English Schools Japan, Tokyo**
Teacher of English
2004-2006
- **Little Campus English School, Busan, South Korea**
Teacher of English
2003-2004

Design industry experience

- **Freelance Multimedia Designer, London**
2006-2007

- **NMI Group, London**
Multimedia Designer
2000-2003

IB roles (DP)

- **Curriculum Developer (CD)**
Curriculum review, subject strategy meetings, writing and scrutineering specimen papers and IA's, development of exemplar IA's and other teacher support materials.
2021-current
- **DP Assessment Content Developer (ACD)**
Authoring examination paper 1 and paper 2 for DP Design Technology. Leader of crowdsourcing initiative.
2018-current
- **DP Senior Examiner Design Technology**
Standardisation of markschemes, creation of practice, qualification and seed scripts. Examiner team leader. EUR marking. Grade award. Exam performance data analysis, setting of grade boundaries and subject report writing.
2017-current
- **DP Assistant Examiner Design Technology**
Paper 2 and IA marking.
2013-2016

Published works

- **Free Learning: A Student-Directed Pedagogy in an Asian Context (Routledge)**
Free Learning Approach to STEM delivery (chapter).
2021
- **Cambridge International Education (Harper Collins)**
IGCSE Design and Technology Book.
2016

Talks and Presentations

- **The Academy for Design and Fabrication, New York**
'Some Human-Centred Design Stories'.
2024
- **BSD Academy and Deutsche Bank: Teachers Meet Businesses**
'VR for Empathy in Design Thinking'.
2020
- **21st Century Learning Conference Hong Kong**
'A Maker Mindset – Tools to Navigate an Automated World'.
2019
- **Asia Pacific International Schools Conference (AISC) Hong Kong**
'A Maker Mindset – Tools to Navigate an Automated World'.
2018

- **RISE Swedish Education and Industry visit to Hong Kong**
'Building a Maker Culture'.
2018
- **Anglo-American School Moscow, Russia**
Envision NOW. Thinktank participant on the future of education and AI.
2018
- **21st Century Learning Conference Hong Kong**
Makerspace tour and talk.
2016 to 2019
- **21st Century Learning Conference Hong Kong**
AR and VR in the classroom.
2017

Education

- **Middlesex University, London**
Masters in Education (Teaching and Learning)
2011-2013
- **Goldsmiths College, University of London**
PGCE Design and Technology, Secondary, Full-Time
2007-2008
- **Duncan of Jordanstone College of Art, Dundee, Scotland**
BDes Hons Graphic Design (1st Class Hons)
1996-2000
- **Nairn Academy, Scotland**
Scottish Sixth Year Studies (equiv. AS-level) - A
Scottish Highers (equiv. A-level) - 4 A's, 4 B's
1990-1996

Digital technologies

- Highly skilled in Adobe CC (Illustrator, Photoshop, XD, Premier Pro)
- Highly skilled in 3D CAD (Autodesk Fusion 360)
- CAD/CAM and rapid prototyping (Laser Cutting, 3D printing)
- STEM, programmable and new technologies – cospaces, merge cube for AR, microbit, VR 360 video
- AI tools for Design - Vizcom, Poe, LunaLabs, Midjourney

Languages

- Native English speaker
- Intermediate Japanese (Japanese Language Proficiency N5)

Passions and side projects

- Outdoors education, hiking, thru-hiking, wild camping, survivalism, kayaking, cycling, stream-hiking, and all things outdoors.
- Co-founder and designer of Hong Kong's 6th long distance trail - The Argyle Ross Trail ([link](#)).
- Founder and curator of Hong Kong's premier long distance hiking website. www.thruhikinghk.com