



Product Design and  
Engineering Teacher

Industrial, Product and  
Furniture Designer

Simon  
Roberts

## Profile

I am a highly driven, enthusiastic and approachable Product Design and Engineering Teacher, working on the ethos of progression and inclusion. I am continually looking for opportunities to learn and expand my knowledge shown by my dedicated approach to teaching. I pride myself on providing others with the tools necessary for personal growth and to inspire the next generation. I am always motivated to create a positive impact in all aspects of education to benefit not only myself, but the students and fellow educators around me.

## Education

2021 – Present (2023 finish):

Kingston University:

- Product & Furniture Design MA (ongoing)

2017 – 2019:

Buckingham University:

- Independent Post Graduate Certificate in Education (IPGCE) (2017-2018)

- Qualified Teacher Status (QTS) conversion (2018-2019)

2013 – 2017:

Loughborough University:

- Industrial Design and Technology BA (Hons) with DPS (2:1)

2007 – 2012:

St John's School Leatherhead:

- A Level: Design and Technology (A), Physical Education (B), Business Studies (B)

- GCSE: Maths (A), Design and Technology (A), Physical Education (A), History (A),

## Employment

2020 (January) - Present

- St Pauls School: Product Design and Engineering Teacher (ages 9-17)

2017 – 2019 (December)

- Bablake School: Design and Technology Teacher (ages 11-18)

- Southam College: Design and Technology Teacher (ages 13-18) (second school placement, January 2019)

2015 - 2016

- Wellingborough School: Design and Technology Teaching Assistant (ages 9-18)

2012 - 2013

- Parnell Cricket Club, Auckland, New Zealand: Coaching (ages 5-18)

- Auckland Grammar School, Auckland, New Zealand: Coaching (ages 15-17)

- St Kentigern's School, Auckland New Zealand: Coaching (ages 9-13)

2011 - 2017

- Leatherhead Cricket Club: Coaching (ages 9-16)

## Contact Information

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Wandsworth,  
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SW18 1DD

## Technical Skills

- Adobe Illustrator CS6
- Adobe Photoshop CS6
- Adobe Premiere Pro CS6
- Axure RP Pro 7.0
- PTC Creo Parametric 3.0
- Solidworks
- Keyshot 5
- OnShape
- Fusion 360
- PTC ProDESKTOP 8.0
- Google SketchUp: 3D Design Software
- Techsoft 2D Design V1, V2, V3
- Autodesk Sketchbook Pro
- 3D Printing Softwares
- Microsoft Office
- Google Drive/Classroom

## Industry Skills

- Brand Development
- Graphic Design
- Multi Material Workshop Skills
- Rendering
- Sketching Skills
- 3D modeling
- CAD/CAM skills
- Materials Knowledge
- Joint Construction and Application
- Carpentry

## Professional Skills *Qualifications*

- Sociable
- Eye for Detail
- Creativite Outlook
- Leadership
- Decision Making
- Organisation
- Outside the box thinking
- Open Minded
- Teamwork
- Confident Public Speaker

- Independant Post Graduate Certificate in Education (IPGCE) with Qualified Teacher Status (QTS)
- Diploma of Professional Studies (DPS)
- ECB Level 1 Cricket Coach and Training Method Workshop (Nets Management)
- England Hockey Coaching and Umpiring Workshop (2018)
- QA Level 3 Award in Emergency First Aid at Work (RQF) (2019)
- DATA Safety on Woodworking Machines (2020)
- Level 2 Safeguarding and working with children (2020)

## *Interests*

- Woodworking and Carpentry
- Video Making and Editing
- Furniture Design
- DIY and Craftwork
- Cricket
- Hockey
- Squash
- Golf
- Climbing
- Music/Singing
- Charitable Events and Activities

## *Experience Roles*

2020 (January) – Present

### St Pauls School

- Teaching: Product Design and Engineering (ages 9-17). Teaching sketchwork and basic construction techniques, up to complex material properties and applications. Introducing modern design based programmes, 3D CAD applications and techniques to aid pupils ideation and design development processes. KS2-KS5 (EPQ)
- Artifact EPQ: Practical based EPQ focusing on discussion and research of proposals relevant to real world problems, aided via practical prototyping and testing.
- Sport: 1st XI senior boys cricket coach, Organising training sessions and liaising with head of cricket to ensure competition is at the forefront. U16 boys rugby coach.
- Club Vice-President: Supporting students during inter-club events and liaising with the club president to improve house performance and overall club ethos.
- Pastoral: Vertical tutoring system with pupils ranging from ages 13-18 (15 pupils).
- F1 in Schools: Lead co-ordinator. Designing, prototyping, manufacturing and racing small scale F1 model cars to compete against rival schools in various disciplines. 2021 London South Entry Class Regional winners

2017 – 2019 (December)

### Bablake School

- Teaching: Design and Technology (Product Design) (ages 11-18). F1 in schools lead co-ordinator (ages 11-15)
- Deputy Head of House: Coordinating and overseeing house events, assemblies and extra-curricular activities
- Pastoral: Year 9-10 form tutor (mixed), registrations, supporting pastoral issues and leading 'life choices' lessons
- Sport: 2nd XI senior boys hockey, 1st XI Senior boys cricket (assistant coach) and U13A cricket.
- Combined Cadet Force (CCF): Army Officer (2nd lieutenant)

2015 - 2016

### Wellingborough School

- Teaching Assistant: Design and Technology (Resistant Materials and Graphics). KS2-KS5 (ages 9-18)
- Sport: Prep and Senior Schools teams during respective terms (Rugby, Football and Cricket)

2012 - 2013

### New Zealand

- 8 months living in Auckland, playing and coaching cricket at Parnell CC, working alongside various other schools
- 2 months travelling and exploring the country to experience the culture and diverse activities on offer.

2011 - 2012

### St John's School Leatherhead

- School Prefect: Co-ordinated open days and tours of the school, representing the school and its values
- House Captain: Co-ordinated house duties, organised charity events, and oversaw boarding based duties

## *Referees*

Mr Qin Wiseman,  
Deputy Headmaster of Wellingborough School,  
London Road,  
Wellingborough,  
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Miss Katie Douglass,  
Director of Engineering at St Pauls School,  
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Mr John Watson  
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