



# Curriculum Links for INNOVATION SESSION

12-16 years

## England and Wales (KS3, KS4)

KS3 Key concepts in Design and Technology	<ul style="list-style-type: none"> <li>● <b>Designing and making:</b> 1 Understanding that designing and making has different dimensions and impacts</li> <li>● <b>Cultural understanding:</b> 2 Exploring how products contribute to lifestyle and consumer choices</li> <li>● <b>Creativity:</b> 1 Making links between principles of good design, existing solutions and technological knowledge to innovate</li> <li>● <b>Critical evaluation:</b> 1 Analysing existing products, 2 Evaluating user needs and 3 Exploring the impact of ideas, design decisions and technological advances to provide opportunities for new design solutions</li> <li>● <b>Unit 21:</b> People and the environment/Resistant materials Unit 7: 07a, b, c, e; Unit 8: 08a, b, c; Unit 9: 09a, b, c</li> </ul>
15+ focus on Designing in Design and Technology	<ul style="list-style-type: none"> <li>● Personnel: designer, user, target group</li> <li>● Design Brief: formulating, analysing</li> <li>● Specification: product, user, manufacturing</li> <li>● Product Analysis: form, function</li> <li>● Research: internet</li> <li>● Idea Generation: sketching</li> <li>● Evaluate</li> </ul>
Cross-curricular links	<ul style="list-style-type: none"> <li>● Citizenship/PSE/PSD</li> <li>● English</li> <li>● Key (Core) Skills: Communication, ICT</li> </ul>

## Scotland (S1-S5)

Technologies	Technological developments in society, in the context of Craft, Design, Engineering and Graphics: TCH 0-14 a, TCH 4-14 b/c/d, TCH 2-01b
Cross-curricular links	<ul style="list-style-type: none"> <li>● Languages – Literacy and English</li> <li>● Social studies – People in society, economy and business</li> </ul>

## N Ireland (Y8-Y13)

KS3/KS4 Design and Technology	<ul style="list-style-type: none"> <li>● Thinking skills and personal capabilities</li> <li>● Being creative</li> <li>● Knowledge, understanding and skills – design and communication</li> <li>● Working with others – Presenting and researching</li> </ul>
Cross-curricular links	<ul style="list-style-type: none"> <li>● Personal Development</li> <li>● Key Concept – Enterprise and Entrepreneurship</li> <li>● Citizenship</li> <li>● Communication</li> </ul>