



## Design and Technology

### Progression in communicating ideas Significant Figures and Innovations

	Communicating ideas	Significant Figures and Innovations	
<b>Nursery</b>	Be able to consider preferences of other people e.g. my mum likes pink, include car design because mum likes cars		
<b>Reception</b>	Design / make products including the preferences of others e.g. family members, friends Add labels to drawings of products		
<b>Year 1</b>	Labelled drawing of product Pictogram research among peers		
<b>Year 2</b>	Labelled drawing of product Pictogram of research e.g. peers, family, staff		
<b>Year 3</b>	Block / bar graph of research e.g. peers, family, staff Annotated sketches, different view e.g. front, back Cross-section diagram e.g. layers of sandwich	Healthy and varied diet <b>John Montague</b> , Earl of Sandwich	Shell structures <b>Margaret Knight</b> - paper bag machine <b>Albert L Jones</b> -corrugated cardboard
<b>Year 4</b>	Block / bar graph of research e.g. peers, family, staff Annotated sketches, different view e.g. front, back, Cross-section diagram e.g. layers of wrap	Healthy and varied diet <b>Bobby Valentine</b> - Club Mex wraps	Electrical systems <b>Ada Lovelace</b> , <b>Alan Turing</b> - computing pioneers
<b>Year 5</b>	Detailed annotated sketches Labelled diagram, different viewpoints e.g. front, back, above, below Exploded view diagram e.g. bridge components List order of actions e.g. recipes, construction of bridge prototypes	Frame structures <b>Edward Leader Williams</b> - civil engineer <b>Isambard Kingdom Brunel</b> – civil engineer <b>Emily Warren Roebling</b> - engineer Brooklyn Bridge	Combining textile shapes <b>Mary Quant</b> - fashion designer <b>Stella McCartney</b> - sustainable and ethical fashion
<b>Year 6</b>	Labelled diagram, different viewpoints e.g. front, back, above, below Exploded view diagram e.g. pizza layers	Celebrating culture and seasonality <b>Jamie Oliver</b> - school dinner reforming and Bite Back 2030 <b>Nadiya Hussain</b> – chef	Electrical systems <b>Nikola Tesla</b> - electronics innovator <b>Elon Musk</b> - electronics entrepreneur