



NEW NATIONAL CURRICULUM
SUBJECT AREA: Design & Technology

End of year expectations:
Year 1
<ul style="list-style-type: none">• begin to design purposeful, functional and appealing products• generate, model and communicate their ideas through talking, drawing and templates• use a range of tools and materials to complete practical tasks i.e. cutting, shaping and joining• evaluate existing products and own ideas• cooking & nutrition – begin to use the basic principles of a healthy and varied diet/begin to understand where food comes from
End of year expectations:
Year 2
<ul style="list-style-type: none">• confidently design purposeful, functional and appealing products• generate, model and communicate their ideas through mock ups and, where appropriate, information and communication technology• use a range of tools and materials to complete practical tasks such as cutting, shaping, joining and finishing• evaluate existing products against design criteria• cooking & nutrition – use the basic principles of a healthy and varied diet/understand where food comes from
End of year expectations:
Year 3
<ul style="list-style-type: none">• use research and criteria to develop products which are fit for purpose• use annotated sketches and prototypes to explain ideas• use a wide range of materials - textiles• evaluate existing products and improve own work• use mechanical systems in own work – cams, levers and linkages• understand seasonality, prepare and cook mainly savoury dishes
End of year expectations:
Year 4
<ul style="list-style-type: none">• use research and criteria to develop products which are fit for purpose• select from and use a wide range of materials - ingredients• use annotated sketches and prototypes to explain ideas• evaluate existing products and improve own work• understand how key events and individuals have helped shape the world• use electrical systems in products – series circuits, switches, bulbs, buzzers and motors• understand seasonality, prepare and cook mainly savoury dishes
End of year expectations:
Year 5
<ul style="list-style-type: none">• use research and criteria to develop products which are fit for purpose and aimed at specific groups• select from and use a wider range of tools and equipment to perform practical tasks i.e. cutting, shaping, joining and finishing• evaluate existing products and improve own work• apply their understanding of how to strengthen, stiffen and reinforce more complex structures• understand and use mechanical systems in their products i.e. gears and pulleys• cook savoury dishes for a healthy, varied diet

End of year expectations:
Year 6
<ul style="list-style-type: none">• use research and criteria to develop products which are fit for purpose and aimed at specific groups• select from and use a wider range of materials and components including construction materials and textiles• evaluate existing products and improve own work• apply their understanding of computing to programme, monitor and control their products• cook savoury dishes for a healthy, varied diet