

Understand developments in design and technology	✓	✓	✓	✓	✓	✓	✓	✓	✓
Understand impact on individuals, society and the environment		✓	✓			✓	✓		✓
Understand the responsibilities of designers, engineers and technologists				✓				✓	✓
Technical knowledge									
Understand and use the properties of materials and the performance of structural elements to achieve functioning solutions	✓	✓	✓	✓	✓	✓	✓	✓	✓
Understand how more advanced mechanical systems used in their products enable changes in movement and force									
Understand how more advanced electrical and electronic systems can be powered and used in their products									
Apply computing and use electronics to embed intelligence in products that respond to inputs and control outputs using programmable components									★
Cooking and nutrition									
Understand and apply the principles of nutrition and health		✓				✓			
Cook a repertoire of predominantly savoury dishes so that they are able to feed themselves and others a healthy and varied diet		✓				✓			
Become competent in a range of cooking techniques		✓				✓			
Understand the source, seasonality and characteristics of a broad range of ingredients		✓				✓			

★ = Delivered as part of the D&T content during Year 9