



ASSESSMENT IN DESIGN & TECHNOLOGY

In Design & Technology you are assessed on the **4 areas of mastery** as described in the National Curriculum for DT.

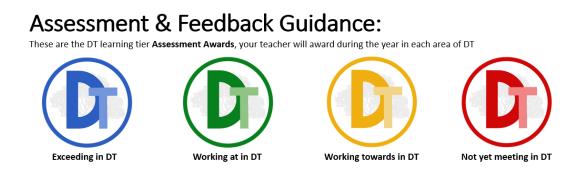
No.	Design Technology at Broughton Keystage 3 - National Curriculum Progress Descriptors				Sec.	
BROUGHTON NIGH SCHOOL	Design Skills	Practical Making	Evaluating	Technical Knowledge	BROUGHT HIGH SCHOO	
KS2	 Generate ideas and desribe by using words, labelled sketches and models to communicate the details of the ideas 	 With help, where needed, use equipment, tools and materials Produce a suitable finished product 	 Make a simple judgement on the final product/outcome Make simple suggestions for improvement 	 Identify basic ingredients, equipment, materials, components and techniques 	KS2	
Progress	 Generate creative design ideas Make links from research Cook or create samples of the idea 	 Manage short tasks independently (without help from the teacher) Produce a good quality finished product 	 Identify what worked well and what could be improved Evaluate research 	 Identify and describe appropriate ingredients, equipment, materials, components and techniques Recognise that products/designs have to meet a range of different needs 	Progress	
Year 7 Expected ed Progress	 Generate detailed design sketches/recipes/drawings/prototypes Use research to influence design ideas Share ideas with other students and give the constructive feedback 	 Select & use a range of tools and equipment Work accurately Pay attention to the quality of the final product Produce a well-designed product 	 Compare design ideas/final product against the design brief criteria Suggest improvements for design ideas/product Gain technical information from examining, describing and evaluating similar products 	 Use ICT software to engance the quality of the work Identify, explain & explore appropriate ingredients, equipment, materials, components and techniques 	Year 7 Expected ed Progress	
Year 8 Expect	 Explore different materials, components or ingredients and use technical information to decide if they ar suitable for the final product Model ideas by cooking, 3D models or using ICT design software 	Work from my own detailed plans Use a range of tools and equipment with precision Carry out a range of specialist techniques (with support) Produce a high quality, well considered final product	 Explain why materials, ingredients or components have been used identify and justify any changes from the final design idea to the final product 	 Understand the characteristics of different materials, components, ingredients and processes Understand a range of advanced/specialist techniques 	Year 8 Expect	cted Progress
Year 9 Expe	 Generate a wide range of well explained and justified ideas Write a specification and explain choices made Explain decisions regarding the choice of materials and manufacturing processes 	 Carry out all tasks accurately and with precision Work independently and find solutions to design & practical problems Carry out a range of specialist techniques independently 	 Suggest alternative materials, components or ingredients Carry out investigations/tests/experiments to evaluate final product 	 Have a broad knowledge of different materials, components, ingredients and processes Independently explore subject specific tasks (extra-curricular/home projects) 	ļ	Year 9 Expe

Each subject will carry out a range of challenging tasks for you to demonstrate your ever-developing confidence in:

- Designing
- Making
- Evaluating
- Technical Knowledge (test)

As can be seen above you will be given the criteria that you will be assessed on in order that you meet the **expected progress** of your year group, however you can continue to challenge yourself continuously by aiming for **exceeding**. Each subject will visit aspects of each of the 4 areas of mastery and allow you to show incremental progression as you continue to develop your expertise in these areas of the Design Technology Curriculum.

- **Common Assessment framework**: the framework is our progression framework that **all subjects** and pupils share as a common focus based upon the Design Technology national curriculum. All pupils will be encouraged to aim for **expected progress** in all areas of mastery however, equally have opportunity to reflect from feedback and demonstrate incremental progress through the years work undertaken.
- Feedback for pupils will be routinely verbal to encourage improvement, assessed work will be given an achievement award based upon if a pupil is



- not yet meeting no evidence of relevant knowledge or skills
- working towards relevant knowledge or skills are partially demonstrated, but in need of further development in order to achieve the expected standard
- working at relevant knowledge, skills and understanding are clearly demonstrated and applied to the task
- excelling working at greater depth (exceeding) than curriculum expectations knowledge, skills and understanding are demonstrated at a particularly high and insightful level with regard to the specific criteria for each year of KS3 in Design & Technology (see the DT Table above).
- Finally, excellent work or substandard work will be marked with the appropriate department award.

Spacing & Interleaving: Is a common feature of DT lessons, regular **questioning** and **retrieval** will be evident to ensure knowledge remains **'sticky'**. This will also enable you to continue to develop your subject knowledge by building upon prior learning as part of our spiral curriculum. Each unit of work will build upon the previous and during the end of unit online assessments (test) knowledge will develop progressively to include all 4 areas of study by the end of the year.