



DT Assessment and Tracking

Year 3 Overview 24/25

Disciplinary Knowledge – Disciplinary knowledge will be explored and developed throughout the D&T curriculum as pupils move through the school. They can be used across all aspects of a subject to grow an awareness of how designers construct their knowledge.			
Responsibility: (working safely, how design can solve problems, choosing the right materials, responsibilities to customers to ensure quality / reliable products, healthy eating, quality ingredients)	WTS	EXS	GDS
Similarity and difference: (making comparisons, noting differences and drawing conclusions)		Rest of class	
Cause and consequence: (identifying how things work, how an action can cause change/movement)		Rest of class	
Significance: (significant designers and designs, real world examples of effective and successful products)		Rest of class	
Written and oral expression: (Using terminology, evaluating, creating accurate designs, labelling and annotating, explaining processes, presenting)		Rest of class	

Textiles – Egyptian Collars			
Demonstrate their ability to use cross-stitch as a decorative feature or to join two pieces of fabric together.	WTS	EXS	GDS
Develop appliqué designs based on design criteria.		Rest of class	
Design, cut and shape their template for an usekh or wesekh collar with increasing accuracy.		Rest of class	
Decorate their Egyptian collar using a variety of techniques, such as appliqué, cross-stitch, beads, buttons and pinking.		Rest of class	
Measure and attach a ribbon with a running stitch.			
Recognise different types and qualities of fabrics.			
Explain the aesthetic and functional properties of some of their material choices.			

Cooking and Nutrition – seasonal food			
Explain that fruits and vegetables grow in different countries based on their climates.	WTS	EXS	GDS
Understand that 'seasonal' fruits and vegetables are those that grow in a given season and taste best then.		Rest of class	
Know that eating seasonal fruit and vegetables has a positive effect on the environment.		Rest of class	
Design their own tart recipe using seasonal ingredients.		Rest of class	
Understand the basic rules of food hygiene and safety.		Rest of class	
Follow the instructions within a recipe.		Rest of class	

Mechanical systems and structures – pneumatic toys			
Draw accurate diagrams with correct labels, arrows and explanations.	WTS	EXS	GDS
Correctly identify definitions for key terms.		Rest of class	
Identify five appropriate design criteria.		Rest of class	
Communicate two ideas using thumbnail sketches.		Rest of class	
Communicate and develop one idea using an exploded diagram.		Rest of class	
Select appropriate equipment and materials to build a working pneumatic system.		Rest of class	
Assemble their pneumatic system within the housing to create the desired motion.		Rest of class	
Create a finished pneumatic toy that fulfills the design brief.		Rest of class	
Structures – Constructing a Castle			
Draw and label a simple castle that includes the most common features.		Rest of class	
Recognise that a castle is made up of multiple 3D shapes		Rest of class	
Design a castle with key features which satisfy a given purpose.		Rest of class	
Score or cut along lines on the net of a 2D shape.		Rest of class	
Use glue to securely assemble geometric shapes.		Rest of class	
Utilise skills to build a complex structure from simple geometric shapes.		Rest of class	
Evaluate their work by answering simple questions.		Rest of class	

Next Steps -Learning Points for next enquiry (noting revisit points for Pupils at WTS)

1)

2)

3)