

Airedale Academy's KS3 Assessment Overview

At Airedale Academy, assessment is embedded into lessons in a coherent manner. Key Assessment Pieces will follow a sequence of 6-8 lessons, using a mastery-approach to teaching and learning, by which Key Assessment Pieces are used to assess the extent to which students know more and can remember more of the curriculum that has been taught specific to their age and stage of education.

Written Key Assessment Pieces will be completed in 'Silent and Independent' conditions and should assess the extent to which curriculum knowledge and skills have been grasped by students and can be reapplied. However, in some subjects such as Dance, Drama, PE and Music, Key Assessment Pieces may be collaborative and of a more practical nature and may include photographic or video evidence, a record of verbal feedback, a written evaluation and/or a written reflection. The information gleaned by the teacher through diagnostic marking and feedback will be used to close specific gaps in learning and to address misconceptions, leading to improved progress over time.

The information gained from the marking and feedback of Key Assessment Pieces, will be used to assess students' progress (relative to starting point) more holistically in terms of their grasp of the curriculum at key points of the academic year, using the identified 'Expected' and 'Enhanced' knowledge and skills listed below.

Progress will be holistically reported to students and their parents/carers, relative to starting point for that particular point of their KS3 journey, as follows: 'On Track'- making expected progress; 'Working Towards'- making less than expected progress and 'Exceeding'- making enhanced progress appropriate to their age and stage of education.

Design and Technology: Knowledge and Skills to be embedded by the end of the academic year	Year 7		Year 8		Year 9	
	Essential	Enhanced	Essential	Enhanced	Essential	Enhanced
Design						
Use research to inform design	Y					
Select from a range of research to inform design		Y	Y			
Use research and exploration, such as the study of different cultures, to identify and understand user needs		Y		Y	Y	
Produce simple designs solutions to a given brief	Y					
Produce a range of designs		Y	Y			
Identify and solve their own design problems and understand how to reformulate problems given to them		Y		Y	Y	
Use a Design Specification	Y					
Produce Design Specifications for a for a given brief based on research		Y	Y			
Develop specifications to inform the design of innovative, functional, appealing products that respond to needs in a variety of situations		Y		Y	Y	
Generate Design Ideas	Y					
Develop a range of Design Ideas		Y	Y			
Use a variety of approaches to generate creative ideas and avoid stereotypical responses		Y		Y	Y	
Communicate Design Ideas in 2D	Y					
Communicate Design Ideas in 3D		Y	Y			
Communicate with a range of Technical Drawings		Y		Y	Y	
Communicate Design Ideas fully using Annotation		Y		Y	Y	
Develop and communicate design ideas using annotated sketches, detailed plans, 3-D modelling and computer-based tools		Y		Y		Y

Design and Technology: Knowledge and Skills to be embedded by the end of the academic year	Year 7		Year 8		Year 9	
	Essential	Enhanced	Essential	Enhanced	Essential	Enhanced
Make						
Understand Safe Working Practices of all equipment used	Y					
Select from and use Basic Hand Tools	Y					
Select from and use Machine Tools		Y	Y			
Select from and use CAD/CAM		Y		Y	Y	
select from and use specialist tools, techniques, processes, equipment and machinery precisely, including computer-aided manufacture		Y		Y		Y
select from and use a wider, more complex range of materials, components and ingredients, taking into account their properties		Y		Y	Y	
Understand and use the properties of materials and the performance of structural elements to achieve functioning solutions		Y		Y		Y

Design and Technology: Knowledge and Skills to be embedded by the end of the academic year	Year 7		Year 8		Year 9	
	Essential	Enhanced	Essential	Enhanced	Essential	Enhanced
Evaluate						
Identify Strengths and Weaknesses in existing products	Y					
Analyse the work of past and present professionals and others to develop and broaden their understanding		Y	Y			
Investigate new and emerging technologies		Y		Y	Y	
Test, evaluate and refine their ideas and products against a specification, taking into account the views of intended users and other interested groups		Y		Y	Y	
Understand developments in design and technology, its impact on individuals, society and the environment, and the responsibilities of designers, engineers and technologists		Y		Y		Y