

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.

	Year 7		Year 8		Year 9	
Knowledge and Skills to be embedded by the end of the academic year:	Essential	Enhanced	Essential	Enhanced	Essential	Enhanced
Using ICT at Airedale Academy & Online safety						
I can log on to the network and select a safe password	X					
I can minimise the dangers of putting my personal data at risk when using a computer		X				
I can log on to google classroom and access documents my teacher has uploaded for me	X					
I can submit/unsubmit and add extra documents to my google classroom		X				

I can discuss the health and safety issues in a computer room	X					
I can resolve some of the health and safety issues in a computer room		X				
I can use sensible file names and folders to keep my documents tidy	X					
I can organise my files in folders and sub folders		X				
I can access files from student shared and copy them into my area	X					
I can use the search facility to find files more efficiently		X				
I can send and receive emails	X					
I can use more advanced features of email such as forward, attachment, Bcc etc		X				

Publishing skills to make a poster

I can identify the audience and purpose of different media products	X					
I can explain how I will make a product suitable for a specific audiences needs and how it will be fit for purpose		X				
I can create basic planning materials such as a mood board and a storyboard	X					
I can annotate the planning materials to explain how it meets the brief and how it meets the codes and conventions		X				
I can use appropriate software to add my text and images to my poster	X					
I can use a professional colour scheme, font and layout		X				
I can use formatting techniques such as banners and picture broders to make the poster eye catching		X				

I can choose an appropriate colour theme and font style		X				
I can annotate my poster to explain how it meets the brief and how it meets the codes and conventions		X				
I can export my poster in an appropriate file format	X					
Computing fundamentals						
I can identify computer components	X					
I can compare computer components to parts of the human body and can justify which component is the most important in a computer system		X				
I can define the terms input and output and can give examples	X					
I can explain the function of numerous inputs and outputs and can also discuss the 3 types of secondary storage		X				

I can define the terms hardware and software and can give examples	X					
I can explain what systems and applications software is	X					
I can explain what an operating system is, give examples and explain its functions		X				
I can explain what a user interface is and the three different types		X				
I can explain what multitasking is		X				
Graphics skills to make a logo						
I can identify the codes and conventions of logos	X					
I can explain why logos have to follow codes and conventions to be successful		X				

I can explain how I will make my logo suitable for the target audience		X				
I can research similar media products for ideas of what to include in my logo	X					
I can discuss similar logos and which features I may/may not use in my website		X				
I can create an original logo by amending an image from the internet and adding a shape and some text	X					
I can use cutout studio to remove the background from the image		X				
I can use a professional colour scheme, font and layout		X				
I can use advanced editing techniques such as cropping to an image, the pen tool and the magic wand tool		X				
I can export my logo in an appropriate file format	X					

Spreadsheets - basic skills for businesses

I can enter data into a spreadsheet	X					
I can format the data to change the font and add colour or borders to the cells	X					
I can edit row and column widths		X				
I can amend the data to change the format e.g. currency, percentage etc		X				
I can use simple formulas to make calculations	X					
I can use the autosum function		X				
I can use other simple functions such as minimum, maximum and average		X				

I can use spreadsheets as a model to make predictions	X					
I can use spreadsheets as a financial model to see if an idea is profitable or not		X				
I can create simple charts and graphs such as pie, chart and line	X					
I can add overall and axis titles on charts and graphs		x				
I can explain my choice of graph for a given scenario		x				
Programming - an introduction to python						
I can use a simple print function	X					
I understand what a string is	X					

I understand that variables are used to store data	X					
I can use a variable and change the contents of the variable	X					
I can use and explain what an input is	X					
I can use more than one input		X				
I understand that every variable has a given data type	X					
I can use a number of different data types correctly including, string, integer, float and boolean		X				
I can use selection if I only want a program to execute code under certain circumstances		X				
I can use operators such as == equal to and != not equal to	X					

I can understand and use iteration using count controlled and condition controlled loops		X				
Using graphics to create a leaflet						
I can identify the audience and purpose of different leaflets			X			
I can explain how I will make a product suitable for a specific audiences needs and how it will be fit for purpose				X		
I can create basic planning materials such as a mood board and a storyboard			X			
I can annotate the planning materials to explain how it meets the brief and how it meets the codes and conventions				X		
I can use appropriate software to add my text and images to my leaflet			X			
I can use a professional colour scheme, font and layout				X		

I can use formatting techniques such as banners and picture borders to make the leaflet eye catching				X		
I can choose an appropriate colour theme, font style and leaflet				X		
I can annotate my leaflet to explain how it meets the brief and how it meets the codes and conventions				X		
I can export my leaflet in an appropriate file format			X			
Computer Threats						
I can define and identify a number of cyber security threats			X			
I can explain the difference between phishing and pharming				X		
I can explain the difference between black, white and grey hat hackers				X		

I can identify some reasons why computer systems are attacked			X			
I can explain reasons why computer systems are attacked				X		
I can discuss prevention methods for cyber attacks						
I can identify the principles of data protection in the UK			X			
I can explain what each of the principles means to a business in practice				X		
I can define what cloud storage is and give examples			X			
I can explain the advantages and disadvantages of cloud storage				X		
I can discuss the difference between cloud computing and cloud storage				X		

I can explain the benefits of cloud computing					X		
Spreadsheets							
I can sort information in ascending or descending order				X			
I can sort information on more than one column					X		
I can apply a filter to information				X			
I can apply filters to more than one column					X		
I can use data validation and verification techniques					X		
I can use advanced functions such as If and COUNTIF				X			

I can use VLOOKUPS				X		
I can use macro buttons				X		
Website creation						
I can identify the codes and conventions of websites			X			
I can explain why websites have to follow codes and conventions to be successful				X		
I can discuss why codes and conventions are used on websites to create meaning				X		
I can identify a target audience and the requirements of a media product from a given brief			X			
I can explain how I will make my media product suitable for the target audience and how the requirements of the brief will be met				X		

I can discuss how I will use website codes and conventions to make my media product suitable for the target audience and meet the requirements of the brief				X		
I can research similar media products for ideas of what to include in my website			X			
I can discuss similar media products and which features I may/may not use in my website				X		
I can create basic planning materials such as a mood board and a storyboard			X			
I can annotate the planning materials to explain how it meets the brief and how it meets the codes and conventions				X		
I can use appropriate software to add text, images and simple navigation to my website			X			
I can use a professional colour scheme, font and layout				X		
I can use interactive features such as hotspots, rollovers, search bars, social media links and light boxes to make my website more interesting				X		

I can export my website in an appropriate file format			X			
Programming						
I can identify flowchart symbols			X			
I can draw a flowchart for a simple process such as making a cup of tea			X			
I can draw a flowchart for a complex process such as enrolling a student in college				X		
I can use strings and variables			X			
I can understand and use iteration using count controlled and condition controlled loops			X			
I can use subroutines to make my code more efficient (procedures and functions)				X		

I can use lists and string handling				X		
I can read and write to files				X		
Video editing						
I can identify the codes and conventions of videos			X			
I can explain why videos have to follow codes and conventions to be successful				X		
I can discuss why codes and conventions are used in videos to create meaning				X		
I can identify a target audience and the requirements of a media product from a given brief			X			
I can explain how I will make my media product suitable for the target audience and how the requirements of the brief will be met				X		

I can discuss how I will use video codes and conventions to make my media product suitable for the target audience and meet the requirements of the brief				X		
I can research similar media products for ideas of what to include in my video			X			
I can discuss similar media products and which features I may/may not use in my video				X		
I can create basic planning materials such as a mood board and a storyboard			X			
I can annotate the planning materials to explain how it meets the brief and how it meets the codes and conventions				X		
I can use appropriate software to add text, images and video clips			X			
I can use a professional colour scheme, font and layout				X		
I can use advanced features such as transitions, overlays, cutting and splitting video and audio to make my video more interesting				X		

I can export my video in an appropriate file format			X			
Web design						
I can identify the codes and conventions of websites					X	
I can explain why websites have to follow codes and conventions to be successful						X
I can discuss why codes and conventions are used on websites to create meaning						X
I can identify a target audience and the requirements of a media product from a given brief					X	
I can explain how I will make my media product suitable for the target audience and how the requirements of the brief will be met						X
I can discuss how I will use website codes and conventions to make my media product suitable for the target audience and meet the requirements of the brief						X

I can research similar media products for ideas of what to include in my website					X	
I can discuss similar media products and which features I may/may not use in my website						X
I can create basic planning materials such as a mood board and a storyboard					X	
I can annotate the planning materials to explain how it meets the brief and how it meets the codes and conventions						X
I can use appropriate software to add text, images and simple navigation to my website					X	
I can use a professional colour scheme, font and layout						X
I can use interactive features such as hotspots, rollovers, search bars, social media links and light boxes to make my website more interesting						X
I can export my website in an appropriate file format					X	

Modern Technologies

I can explain what an ad hoc network is					X	
I can explain when ad hoc networks might be used and the advantages and disadvantages of an adhoc network						X
I can explain what cloud storage is					X	
I can explain the advantages and disadvantages of cloud storage						X
I can explain what cloud computing is					X	
I can explain the advantages and disadvantages of cloud computing and how collaboration tools can be used in online applications						X
I understand that there are various platforms and technologies that impact the use of cloud technologies					X	

I can explain what factors may affect the selection of a platform for a given scenario						X
I can explain what the difference is between cloud computing and traditional computing					X	
I can explain what synchronisation is and why synchronisation should occur between devices and systems						X
Magazine creation						
I can identify the audience and purpose of different magazines					X	
I can explain how I will make a product suitable for a specific audiences needs and how it will be fit for purpose						X
I can create basic planning materials such as a mood board and a storyboard					X	
I can annotate the planning materials to explain how it meets the brief and how it meets the codes and conventions						X

I can use appropriate software to add text and images to my magazine					X	
I can use a professional colour scheme, font and layout						X
I can use editing techniques such as cutout studio, cropping, resizing and layering						X
I can choose an appropriate colour theme, font style and layout for my magazine						X
I can annotate my magazine to explain how it meets the brief and how it meets the codes and conventions						X
I can export my magazine in an appropriate file format					X	
Data Information & Spreadsheets						
I can define primary and secondary collection methods and can give examples					X	

I can discuss the benefits and drawbacks of each collection method						X
I can explain what big data is					X	
I can explain how an organisation may use big data						X
I can explain the difference between data and information					X	
I can explain how data can be converted to information						X
I can explain how information can be represented in different forms such as text, number, tables, graphs or charts and infographics						X
I can identify factors that affect the quality of data					X	
I can explain how to overcome factors that affect the quality of data						X

I can use data validation and verification techniques					X	
I can use advanced functions such as IF, COUNTIF and VLOOKUP					X	
I can use Absolute cell referencing					X	
I can use macro buttons					X	
I can use a pivot table to summarise, sort, reorganise, group, count, total or average data stored in a table.						X
Video Production Techniques						
I can identify camera shots and angles					X	
I can discuss how camera framing is used to create meaning in films						X

I can explain how lighting techniques are used in videos						X
I can identify some codes and conventions used in video production					X	
I can discuss how codes and conventions are used in video to create meaning						X
I can define what characterisation/representation is					X	
I can explain how characterisation/representation is used to create meaning						X
I can analyse how characterisation/representation is used to create meaning to a narrative						X
User interfaces						
I can explain what a user interface is and give some examples					X	

I can identify the different types of user interface					X	
I can discuss the advantages and disadvantages of different types of user interface						X
I can suggest the most appropriate interface for a given scenario and can consider the benefits and drawbacks to the user						X
I can explain what an operating system is					X	
I can discuss the features and functions of an operating system						X
I can discuss the accessibility features that an operating system uses						X
I can insert text, images and buttons onto a user interface					X	
I can make the buttons interactive and make use of navigation					X	

I can use a conventional design for a user interface					X	
I can use professional editing techniques on the images						x
I can used advanced navigation including a drop down menu						X
I can use advanced interactive skills such as rollover buttons and light boxes						X