Dig Tech Year Plan 2020-21

Week	W/B	Year 7	Year 8	Year 9	Year 10 L1	Year 10 L2	Year 10 L3	Year 11 L1	Year 11 L2	Year 11 L3	Subject Assessment	Whole School Assessment
1	31/08/2020	The Aspire Network	Aspire Network (Logging in/ folders etc)	Aspire Network (Logging in/ folders etc)	Recap of Project Life Cycle			Recap of Project Life Cycle				
2	07/09/2020	The Aspire Network	Explain the difference between Data & information.	Describe the elements of the Project Life Cycle.	CA: Introduction		CA: Success Criteria	CA: Introduction		CA: Success Criteria		
3	14/09/2020	Define the term "Soap".	Describe the different ways data can be collected.	Describe how to conduct a keyword analysis.	CA: Mitigating Risks	CA: Software Choices	CA: Planning Document (Gantt Chart? Pert Chart? Flowchart?)	CA: Mitigating Risks	CA: Software Choices	CA: Planning Document (Gantt Chart? Pert Chart? Flowchart?)		
4	21/09/2020	Explain the tools needed to draw a basic shape.	Describe the different ways data can be collected using IT.	Explain the different planning tools available for a project.	CA: Test Plans		CA: Table Designs	CA: Test Plans		CA: Table Designs		
5	28/09/2020	How do I manipulate shapes and apply colour?	Explain the concept of Big Data and the impact it can have.	Create a suitable Gantt Chart for Progress Cars.	CA: Form Designs & others needed			CA: Form Designs & others needed				
6	05/10/2020	How do I use brushes and manipulate text?	Design and create a suitable questionnaire.	Explain the purpose of a Data Dictionary.	CA: Execution of Solution; Iterative Testing	CA: Execution of Solution; Iterative Testing	CA: Execution of Solution; Iterative Testing	CA: Execution of Solution; Iterative Testing	CA: Execution of Solution; Iterative Testing	CA: Execution of Solution; Iterative Testing		
7	12/10/2020	Design an appropiate logo that meets the success criteria.	Analyse the results of a questionnaire.	Explain the purpose of planning what you will test in Progress Cars.	CA: Execution of Solution; Iterative Testing	CA: Execution of Solution; Iterative Testing	CA: Execution of Solution; Iterative Testing	CA: Execution of Solution; Iterative Testing	CA: Execution of Solution; Iterative Testing	CA: Execution of Solution; Iterative Testing		
	19/10/2020											
	26/10/2020											
8	02/11/2020	Create an appropiate logo that meets the success criteria.	Time to Shine: Does my questionnaire meet the criteria?	Time to Shine: Does my project report meet the criteria?	CA: Execution of Solution; Iterative Testing	CA: Execution of Solution; Iterative Testing	CA: Execution of Solution; Iterative Testing	CA: Execution of Solution; Iterative Testing	CA: Execution of Solution; Iterative Testing	CA: Execution of Solution; Iterative Testing		
9	09/11/2020	Time to Shine: Does my logo meet the criteria?	Assessment	Assessment	CA: Mail Merge Email; Iterative Testing	CA: Mail Merge Email; Iterative Testing	CA: DTP Task	CA: Mail Merge Email; Iterative Testing	CA: Mail Merge Email; Iterative Testing	CA: DTP Task	Yr 8 & Yr 9 Assessment	
10	16/11/2020	Assessment	GRIT	GRIT	CA: DTP Task	CA: Final Testing		CA: DTP Task	CA: Final Testing		Yr 7 Assessment	
11	23/11/2020	GRIT	Explain the term "Database"	Describe the benefits of importing data.	CA: Evaluation			CA: Evaluation				
12	30/11/2020	Explain the term "Financial Model".	Explain the role of a Primary Key.	Explain the benefits of using a parameter query.	Contingency Time (Just in Case)			Contingency Time (Just in Case)			CA Marked & Moderated - Yr 10 & Yr 11	
13	07/12/2020	Catch-Up Time (we will have missed at least two lessons since Sept)	Catch-Up Time (we will have missed at least two lessons since Sept)	Catch-Up Time (we will have missed at least two lessons since Sept)	Discuss the types of Malware used and how to mitigate against them.			LO3 Revision				
14	14/12/2020				Discuss the types of Social Engineering used and how to mitigate against them.			LO4 Revision				
	21/12/2020											
	28/12/2020											
15	04/01/2021	How do I set up a financial model?	Explore the role of a Simple Query in a database.	Explain how to use Date() in a query.	Discuss the types of Hacking used and how to mitigate against them. (L1: White Hat; L2: Grey Hat; L3: Black Hat)			LO1 Revision	LO2 Revsion	Final Revision	13/1/21 - External Exam available for Yr 11	
16	11/01/2021	Describe why we apply data validation to a spreadsheet.	Explain how to create more Complex Queries.	Describe the benefits of creating a user input Form.	Explain the vulnerabilities which can be exploited in a cyber-security attack.			Final Revision	Final Revision	Final Revision		
17	18/01/2021	Explain how to apply simple formulas	Explore the role of a Report in a database.	Explain how to use macros in a form.	Discuss the impact of a cyber-security attack.	Discuss the consequences of a cyber-security attack.	Explain the different prevention methods for a cyber-security attack.	Revision LO1 (Class-personalised revision covering content of LO1)	Revision LO1 (Class-personalised revision covering content of LO1)	Revision LO1 (Class-personalised revision covering content of LO1)		
18	25/01/2021	Explain how to apply the concept of Goal Seek.	Time to Shine: How does my database meet the criteria?	Explain the benefits of using a menu system for a user.	Explain the different prevention methods for a cyber-security attack.	Discuss current IT legislation and the implications and applications of them.		Revision LO2 (Class-personalised revision covering content of LO2)	Revision LO2 (Class-personalised revision covering content of LO2)	Revision LO2 (Class-personalised revision covering content of LO2)		
19	01/02/2021	Describe the benefits of using charts and graphs.	Assessment	Extra Time for Form creation (Menu & Input)	Explain the importance of validity, reliability and bias when collecting and using data and information.			Revision LO3 (Class-personalised revision covering content of LO3)	Revision LO3 (Class-personalised revision covering content of LO3)	Revision LO3 (Class-personalised revision covering content of LO3)	Yr 8 Assessment	
20	08/02/2021	Time to Shine: Justify your recommended price for the festival.	GRIT	Time to Shine: How does my database meet the criteria?	Assessment	GRIT	GRIT	Revision LO4 (Class-personalised revision covering content of LO4)	Revision LO4 (Class-personalised revision covering content of LO4)	Revision LO4 (Class-personalised revision covering content of LO4)	Yr 10 Assessment	
	15/02/2021											
21	22/02/2021	Assessment	Explain how to manipulate shapes to draw an image.	Assessment	Define the term "data" and explain the different types of data.	Define the term "information" and explain how data and information are related.	Explain the different methods of collecting and storing data & information.	Revision LO1 (Class-personalised revision covering content of LO1)	Revision LO1 (Class-personalised revision covering content of LO1)	Revision LO1 (Class-personalised revision covering content of LO1)	Yr 7 & Yr 9 Assessment	
22	01/03/2021	GRIT	Explain how to make a simple key frame animation.	GRIT	Evaluate the appropriateness of the different methods of collecting and storing data & information.			Revision LO2 (Class-personalised revision covering content of LO2)	Revision LO2 (Class-personalised revision covering content of LO2)	Revision LO2 (Class-personalised revision covering content of LO2)		
23	08/03/2021	Explain the term "HTML"	Describe how to convert and enhance an image into an animation.	Describe the different threats to data.	Describe the ways IT is used to support data collection.	Evaluate the appropriateness of different storage methods.		Revision LO3 (Class-personalised revision covering content of LO3)	Revision LO3 (Class-personalised revision covering content of LO3)	Revision LO3 (Class-personalised revision covering content of LO3)		
24	15/03/2021	Describe how to format text appropiately.	Explain what my animation going to look like.	Describe the different types of Malware.	Define the term "Big Data" and explain impact of using "Big Data".	Analyse the application and interaction of data stores.	Discuss the benefits and drawbacks of the use of data.	Revision LO4 (Class-personalised revision covering content of LO4)	Revision LO4 (Class-personalised revision covering content of LO4)	Revision LO4 (Class-personalised revision covering content of LO4)		
25	22/03/2021	Describe how to apply colour in a variety of ways.	Explain how you have created the assets for your animation.	Describe the different methods of Social Engineering.	Assessment	GRIT	GRIT	Assessment	GRIT	GRIT	Yr 10 & Yr 11 Assessment	
	29/03/2021											
	05/04/2021											
26	12/04/2021	Describe how to insert a suitable image.	Explain how you have created the assets for your animation.	Describe the different vulnerabilities that can be exploited.	Revision LO1 (Class-personalised revision covering content of LO1)	Revision LO1 (Class-personalised revision covering content of LO1)	Revision LO1 (Class-personalised revision covering content of LO1)	Revision LO1 (Class-personalised revision covering content of LO1)	Revision LO1 (Class-personalised revision covering content of LO1)	Revision LO1 (Class-personalised revision covering content of LO1)		
27	19/04/2021	Design an appropiate webpage that meets the success criteria.	Describe how you have combined your assets to create your animation.	Discuss the impact of a cyber-security attack.	Revision LO2 (Class-personalised revision covering content of LO2)	Revision LO2 (Class-personalised revision covering content of LO2)	Revision LO2 (Class-personalised revision covering content of LO2)	Revision LO2 (Class-personalised revision covering content of LO2)	Revision LO2 (Class-personalised revision covering content of LO2)	Revision LO2 (Class-personalised revision covering content of LO2)		
28	26/04/2021	Explain how you have created your webpage.	Time to Shine: Evaluate your completed animation against the success criteria.	Discuss the prevention methods of a cyber-security attacks.	Mock Exam	GRIT	GRIT	Mock Exam	GRIT	GRIT	Yr 10 & Yr 11 Assessment	
29	03/05/2021	Time to Shine: Does my webpage meet the criteria?	Asessment	Time to Shine: Evaluate the different methods of preventing data leaks.	Revision LO3 (Class-personalised revision covering content of LO3)	Revision LO4 (Class-personalised revision covering content of LO4)	Final Revision	Revision LO3 (Class-personalised revision covering content of LO3)	Revision LO4 (Class-personalised revision covering content of LO4)	Final Revision	Yr 8 Assessment	
30	10/05/2021	Assessment	GRIT	Assessment	Final Revision			Final Revision	Final Revision	Final Revision	14/5/21 - External Exam available for Yr 10 & Yr 11; Yr 7 & 9 Assessment	
31	17/05/2021	GRIT	Explore what areas does technology have an impact on in our life?	GRIT	Recap of Spreadsheets							
32	24/05/2021	Explain the purpose of DTP and the software used to create quality documents.	What Laws protect us? What is GDPR?.	Describe how to import data into a spreadsheet.	Recap of Databases							
	31/05/2021											
33	07/06/2021	Explore the tools available in PagePlus to create effective documents.	What is the Computer Misuse Act?	Explain how to use basic formatting and formulae.	Recap of Project Life Cycle							
34	14/06/2021	Design a range of DTP documents.	How private is your information?	Explain the purpose of conditional formatting.	CA: Introduction		CA: Success Criteria					
35	21/06/2021	Explain how to create a business card.	How can technology affect your social well-being?	Describe the purpose of using an IF Statement.	CA: Success Criteria	CA: Mitigating Risks	CA: Software Choices					
36	28/06/2021	Explain how to create a flyer.	How is our culture being impacted by technology?	Describe the purpose of using a VLookup.	CA: Planning Document (Gantt Chart? Pert Chart? Flowchart?)							
37	05/07/2021	Explain how to create a folded leaflet.	How is technology changing the way we work?	Describe how to create a macro using Visual Basic.	CA: Test Plans							
38	12/07/2021	Time to Shine: Evaluate a range of DTP documents.	Time to Shine: Evaluate the impact of technology.	Time to Shine: How does my spreadsheet meet the criteria?	CA: Table Designs							
39	19/07/2021	Assessment	Assessment	Assessment	CA: Form Designs & others needed						KS3 Assessments	
40	26/07/2021	GRIT	GRIT	GRIT								