



MAGHULL HIGH SCHOOL – CURRICULUM MAP

Unit: App Lab 1.1	Lesson 1	Lesson 2	Lesson 3	Lesson 4	Lesson 5	Lesson 6
LESSON TOPIC QUESTION(S)	<ul style="list-style-type: none">Do we know when a problem needs to be broken down?	<ul style="list-style-type: none">How can events control the flow of a program ?What are the block-based programming language to create a sequence?	<ul style="list-style-type: none">How can we Update the Tappy Tap App to display the user’s score?How can we Use variables in our App?	<ul style="list-style-type: none">How do we Use user input in a block-based programming language?How do we Used decomposition to break down your app project into more manageable steps?	<p>How do we Use a block-based programming language to include sequencing and selection</p> <ul style="list-style-type: none">Can you Reflect on and react to user feedback to improve your App?	<ul style="list-style-type: none">Can I show that I am able to Evaluate the success of my project?
Knowledge & Skills development	<p>This unit focuses on the development of the following key techniques:</p> <ul style="list-style-type: none">The ability to customise the properties of items in App LabHow to use App Lab to create variables and events <ul style="list-style-type: none">Event-driven programming,SequencingVariablesSelectionOperatorsParametersworkspace,Decomposing <p>Digital skills:</p>					

	<ul style="list-style-type: none"> App Lab helps students become proficient in using a range of digital tools and platforms for creating and sharing their work 	
Assessment / Feedback Opportunities	Formative Assessment Workbook activity Class Discussion Questioning pupils Verbal Feedback Live Marking	Summative assessment Summative assessment test Rubric Assessment
Key Vocabulary	Decomposition, mobile, app (application), properties, Event-driven programming, variables, sequence, workspace, properties, ids, parameters, errors, event handler, input, checkbox, variables, sequence	
Literacy/Reading opportunities	Digital research methods	
Cross Curricular Themes	Maths Art and Design Business Marketing (logos)	
Personal Development (Including British Values, RSE, Citizenship)	<p>. Respecting and Building on Existing Knowledge</p> <ul style="list-style-type: none"> Don't assume a blank slate; instead, ask: <i>"What do our pupils already know, value, or believe—and how can we build on that?"</i> <p>Community and Shared Culture</p> <ul style="list-style-type: none"> Foster learning environment where users can share knowledge, mentor, or collaborate. Encourage peer learning and value contributions from all users Listening to others Responding suitable in discussions Taking part in group activates Allow users to provide feedback, rate content, and contribute to community features (e.g. forums, reviews,) 	
Career Opportunities	Data scientist; Software engineer, Machine learning engineer, Data engineer, Software architect, Natural language processing, AI research	

