



TSS Primary Computing MTP 2022-2023

Year 6 Block 4 – Ethara 2

Week	Key Targets and Learning Objectives	Key Activities	Key Vocabulary
1	6TC.02 Use devices to create increasingly sophisticated digital artefacts, including the use of sound, video, text and other multimedia.	<ul style="list-style-type: none">• Students will work individually to create car livery for Formula Ethara using template in PowerPoint• Students will continue, complete and export logos from Canva for use in their car liveries	<ul style="list-style-type: none">• Livery• Design• Logo• Canva• Shape• Object• .png
2	6TC.02 Use devices to create increasingly sophisticated digital artefacts, including the use of sound, video, text and other multimedia.	<ul style="list-style-type: none">• Students will work individually to create car livery for Formula Ethara using template in PowerPoint• Students will export logos from Canva for use in their car liveries• Students will print and cut liveries using Cameo Silhouette cutting machines	<ul style="list-style-type: none">• Livery• Design• Logo• Canva• Shape• Object• .png
3	6MD.03 Design spreadsheets that include a combination of features, including cell referencing, arithmetic operators and functions limited to SUM, and AVERAGE. 6MD.04 Select data that is relevant for particular purposes.	<ul style="list-style-type: none">• Students will design and create spreadsheets in class using data gathered from their Ethara Reaction Timers.• Students will use a variety of simple mathematical formulae including SUM, AVERAGE, MIN, MAX	<ul style="list-style-type: none">• Spreadsheet• Cell• Row• Column• Cell reference• Formula
4	6MD.02 Design appropriate forms to capture continuous data for given purposes. 6MD.04 Select data that is relevant for particular purposes.	<ul style="list-style-type: none">• Using Microsoft Forms students will create a form suitable for gathering race data from Ethara Individual Race Day• Students will learn how to share forms in various ways before completing form with their own data• Students can see how database is populated in real time	<ul style="list-style-type: none">• Form• Categorical data• Discrete data• Continuous data



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5	6MD.05 Design and create single table databases, including data attributes and data types, for given purposes.	<ul style="list-style-type: none">• Compare and contrast different methods of gathering data and data validation• Export Race Data to Excel and examine for erroneous data• Use search and sort to search fields A-Z, Z-A	<ul style="list-style-type: none">• Export• Workbook• Sort ascending• Sort descending• Data validation
6	6MD.05 Design and create single table databases, including data attributes and data types, for given purposes. 6MD.07 Know that data is used to solve problems in a range of industries, including health, manufacture and retail.	<ul style="list-style-type: none">• Students perform more complex queries through the use of filters, logic operators ,AND/OR• Students create and print graphs using Excel graph wizard	<ul style="list-style-type: none">• Filter• Sort• Column chart• Bar chart• Chart location• Data source
7	6TC.02 Use devices to create increasingly sophisticated digital artefacts, including the use of sound, video, text and other multimedia.	<ul style="list-style-type: none">• Students will work in Ethara Tams to create car livery for Formula Ethara using template in PowerPoint• Students will export Team logos from Canva for use in their car liveries• Students will prepare and print documents for presentation boards e.g. merch, science, timelines etc...	<ul style="list-style-type: none">• Livery• Design• Logo• Shape• Object• .png• Merch• Document