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| **High Tunstall College of Science Curriculum Intent** |

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| Topic: | Heroes of ICT | Year: | 9 | Half Term: | 4 |

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|  | **Computing** | **Progress** |  |  |
| **Topic** | **Key Ideas** | **R** | **A** | **G** |
| Heroes of ICT | * + I can explain the difference between primary & secondary data   + I know what a sample is |  |  |  |
|  | * + I can explain how to make a representative sample |  |  |  |
|  | * + I know how to use a spreadsheet to format data |  |  |  |
|  | * + I can use a graph to represent data and evaluate it's appropriateness |  |  |  |
|  | * + I can use a range of graphs and pick which one represents the data most clearly |  |  |  |
|  | * + Select content to engage and promote, creating a clear house style |  |  |  |

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| **Lesson** | **Learning Focus** | **Assessment** | **Key words** |
| **1** | Create a survey | Formative questioning  Populated pages in OneNote  Socrative assessment | Primary data, secondary data, research, survey, questionnaire, interview |
| **2** | Complete the survey & consider a representative sample | Formative questioning  Populated pages in OneNote  Socrative assessment | Representative sample |
| **3** | Format a spreadsheet to handle data | Formative questioning  Populated pages in OneNote  Socrative assessment | Spreadsheet, data handling |
| **4** | Evaluate the success of graphs/charts, which ones make the data clear and which ones have no meaning | Formative questioning  Populated pages in OneNote  Socrative assessment | Graph, chart |
| **5** | Create a multimedia product to promote and engage | Formative questioning  Populated pages in OneNote  Socrative assessment | Presentation, Multimedia product |
| **6** | Create a strong and clear house style | Formative questioning  Populated pages in OneNote  Socrative assessment | Consistency, balance, white space |
| **7** | Add advanced features, such as motion paths etc to add an interactive element to your multimedia product e.g. an unveil the answer image quiz | Formative questioning  Populated pages in OneNote  Socrative assessment | Custom animation, transition, kiosk, automatic advancement |
| **8** | Socrative assessment | Formative questioning  Populated pages in OneNote  Socrative assessment | All of the above |