

Year 8 Computing

(Units will depend on timing of Chinese lessons throughout Year 8)

| 17 th April - 26 th May 2023 | 5 th June – 21 st July 2023 |
|---|--|
| 5 | 6 |
| <p>8.4 Graphics Editing and Websites This unit builds on the graphics editing and HTML covered in Year 7, to focus on graphics for use on websites, and introducing css as well as HTML.</p> <ul style="list-style-type: none"> - Creating graphics for websites – banners and navigation - Structuring websites using HTML | <p>8.4 Graphics Editing and Websites This unit builds on the graphics editing and HTML covered in Year 7, to focus on graphics for use on websites, and introducing css as well as HTML.</p> <ul style="list-style-type: none"> - Using css (internal and external styles) - Combining skills learned to create own website <p>NC 1, 3, 6, 7, 8</p> <p>8.5 – Impact of technology -Careers - Researching available careers in technology - Review possibilities</p> <p>NC 8</p> |

Or

| | |
|--|--|
| <p>8.3 – Programming with Small Basic This unit builds on the visual programming covered in Year 7, introducing the students to text-based programming.</p> <ul style="list-style-type: none"> - Inputs, outputs and variables - Data types - Selection - Event-based programming techniques - Using procedural programming to solve problems - Iteration (count-controlled and conditional) | <p>8.3 – Programming with Small Basic This unit builds on the visual programming covered in Year 7, introducing the students to text-based programming.</p> <ul style="list-style-type: none"> - Arrays - Sub-programs (functions and procedures) - Using procedural programming to solve problems <p>NC 1, 2, 3, 4, 6</p> <p>8.5 – Impact of technology -Careers - Researching available careers in technology - Review possibilities</p> <p>NC 8</p> |
|--|--|

Or

| | |
|---|---|
| <p>8.2 – Office Project Students will develop their understanding of spreadsheets as a core office program, building on the skills learned in Year 7.</p> | <p>8.2 – Office Project Students will develop their understanding of spreadsheets as a core office program, building on the skills learned in Year 7.</p> |
|---|---|

- Advanced formulas and functions in spreadsheets

- Boolean operators
- Conditional formatting
- Using a variety of charts
- Validation
- Creating charts
- Modelling

NC 1, 7, 8

8.5 – Impact of technology -Careers

- Researching available careers in technology
- Review possibilities

NC 8