De La Salle School

Learning Journey

The path through Computer Science

YEAR 11

- Ethical, legal, cultural & environmental impacts
- Threats to computer systems & networks
- Mock 3 Computer systems
- Operating systems & utility software
- The central processing unit
- Data representation, binary & hexadecimal
- Networks
- Protocol & layers
- Primary and secondary storage
- Mock 2 Computational Thinking

YEAR 10

- Mock 1 Computational thinking
- Introduction to Python programming
- Programming fundamentals
- Programming projects
- Creating robust programs
- Algorithms flowcharts, pseudocode
- Data types && additional programming techniques
- Searching & sorting algorithms
- Boolean logic
- Programming languages & integrated development environments