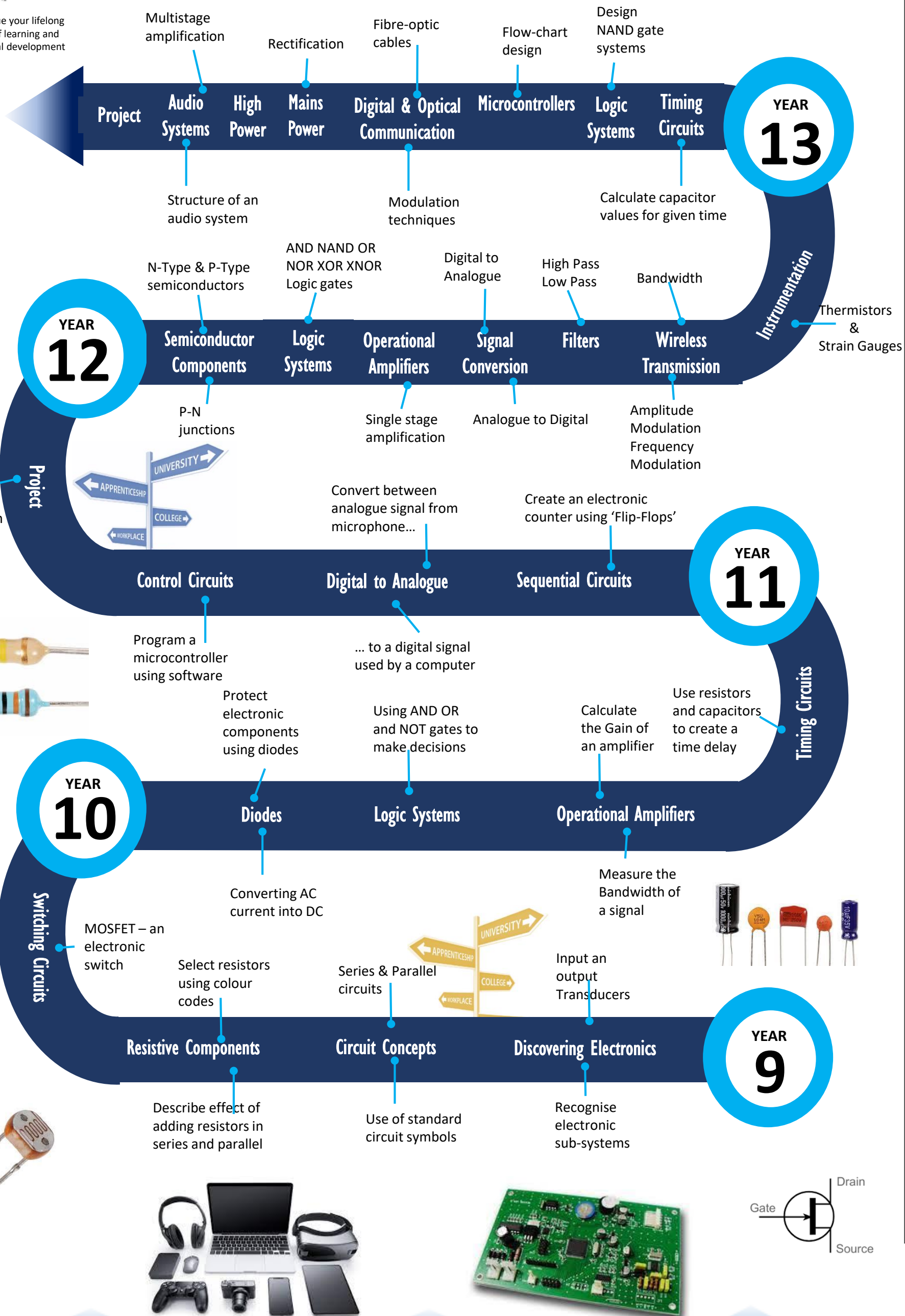
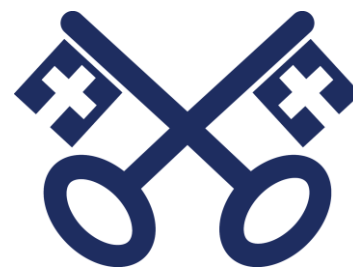
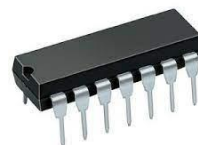


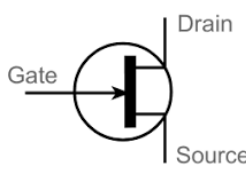
Electronics Learning Journey



Continue your lifelong love of learning and personal development



Design, build and test your own circuit to solve a problem



Intent

Implementation

Impact

To develop a love of electronic technology through an understanding of the science and processes behind everyday equipment and methods of communication.

To promote high standards of numeracy by equipping students with a strong command of basic mathematics and electronics theory.

To prepare students for careers in STEM industry sectors.

Through the use of quality electronic texts – providing a route to both support lesson activities, and independent learning through examples and practice questions.

To encourage an understanding that progress in electronics requires step-by-step procedures, and builds upon prior understanding – that must be mastered to continue to make progress.

Relate course content to everyday equipment and activities.

Design of electronic circuits to achieve a given task/brief by using correct theory and mathematical techniques.

Use of dedicated electronics circuit software to design circuits to be constructed.

Student destinations – an understanding of the various Post-18 destinations including training and Higher Education.

Consideration of assessment calendar before designing schemes.

Design assessments to measure progress, using past examination style questioning.

Teacher assessment and explicit and detailed feedback at the end of an assessment.

Full test review and provision of dedicated reflection and improvement time.