

1. NEA

Students **analyse** all contexts available and select the most appropriate one. Further **analysis** and **research** is undertaken to gain an understanding of a client's wants and needs. A comprehensive set of researched data is presented and worth 10 marks.



A **brief** and **specification** is created based on the client. This is worth 10 marks. Up to 20 marks are then awarded for coming up with a range of **innovative** ideas that solve the client's problem.

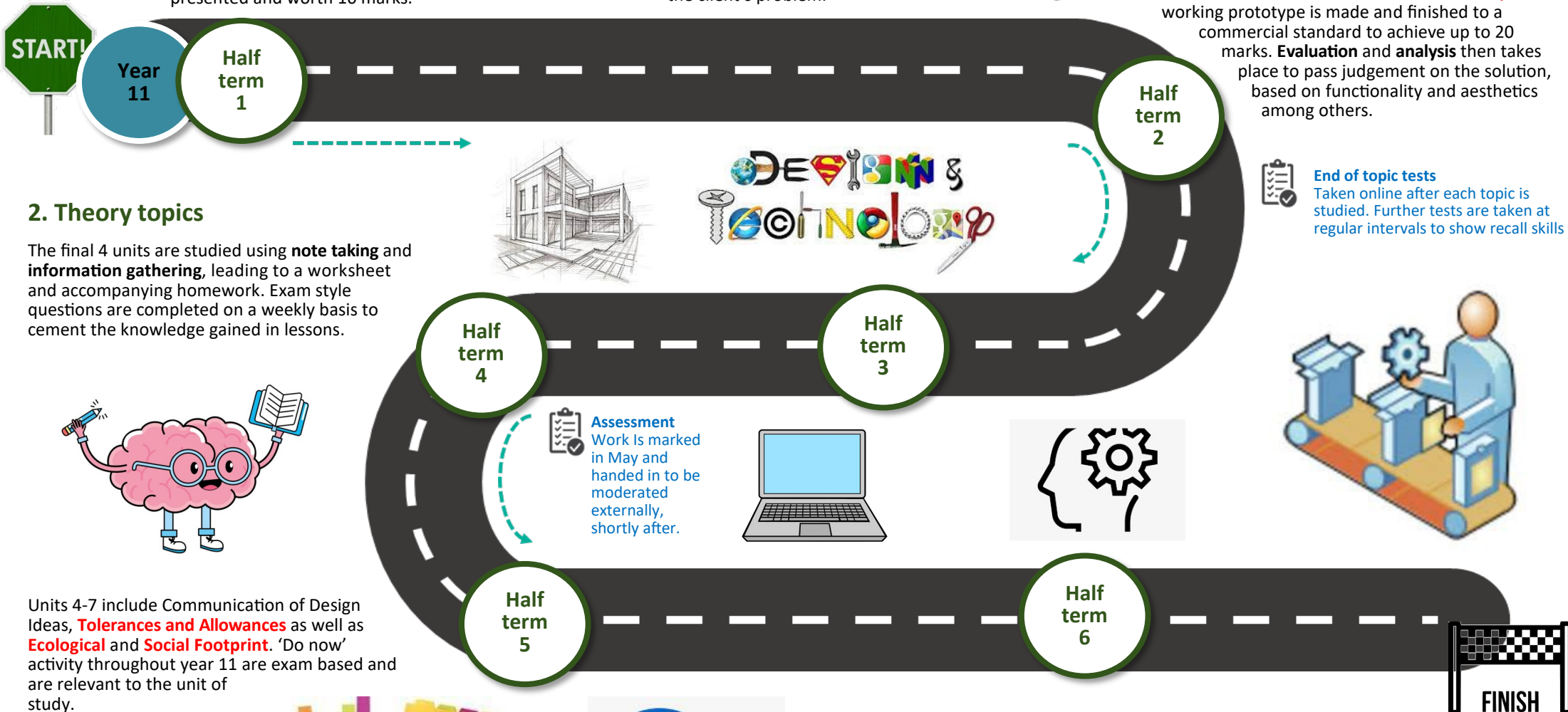


This idea is then developed in stages, prototypes are made and project management documents are created to ensure a well manufactured final solution. Manufacturing commences with a mixture of hand tools and **CAD/CAM**. A working prototype is made and finished to a commercial standard to achieve up to 20 marks. **Evaluation** and **analysis** then takes place to pass judgement on the solution, based on functionality and aesthetics among others.



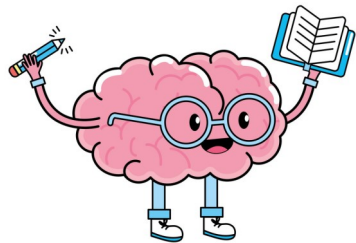
End of topic tests
Taken online after each topic is studied. Further tests are taken at regular intervals to show recall skills

Baseline Tests
These are taken in September as part of testing recall from year 10.



2. Theory topics

The final 4 units are studied using **note taking** and **information gathering**, leading to a worksheet and accompanying homework. Exam style questions are completed on a weekly basis to cement the knowledge gained in lessons.



Half term 4



Assessment
Work is marked in May and handed in to be moderated externally, shortly after.



Half term 3



Units 4-7 include Communication of Design Ideas, **Tolerances and Allowances** as well as **Ecological** and **Social Footprint**. 'Do now' activity throughout year 11 are exam based and are relevant to the unit of study.

Half term 5



Half term 6

