



Penryn  
College

"Achieving through Challenge"

October 2022

Dear Student and Parent/Carer(s)

Welcome to Year 11 and the final stages of your time here at Penryn College, the next few months will require hard work and resilience, but we look forward to seeing you on results day full of pride with what you have achieved. Below is some information about the examinations, coursework elements, support and expectations which may be useful as we move towards the end of KS4. If there are any questions about the course or if you have any concerns about any part of the process please contact me at [achilds@penryn-college.cornwall.sch.uk](mailto:achilds@penryn-college.cornwall.sch.uk) or call the college and leave a message for me to get back to you.

**Course title: AQA GCSE Engineering**

**Coursework:**

Start date: June 2022 (Year 10)

The coursework requires students to design, manufacture and test a project to solve a problem set from the exam board. This year that problem is around a children's toy used for developmental play. We have split the coursework into more manageable chunks and each has its own deadline as detailed below.

Coursework Element	Brief description	Deadline
1	Analysis, research and design specification.	9 <sup>th</sup> Sep
2	Initial design ideas and discussion.	22 <sup>nd</sup> Sep
3	Design phase complete, final designs with discussion and initial modelling in CAD.	14 <sup>th</sup> Oct
4	Production plan and manufacture of a functioning prototype, including all testing and modifications.	16 <sup>th</sup> Dec
5	Evaluation and Final design discussion.	13 <sup>th</sup> Jan
6	DIT and complete portfolio hand in.	10 <sup>th</sup> Feb

These deadlines are rigid, and allow for staff to mark each element and for students and parents to be able to keep track of their progress, please support students in fulfilling these dates.

Coursework support sessions, will be running on Monday afterschool for the whole of this year and other sessions on Tuesday and Wednesday afterschool are bookable by arrangement with your class teacher. Your support with the attendance of these sessions is appreciated.



**Headteacher:** Tamsin Schouten

Penryn College, Kernick Road, Penryn, Cornwall TR10 8PZ

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**Mock exams:**

Students will sit a November mock and a January mock for Engineering in order for students to prepare for the final examination, these will both be full 2 hour papers. They have access to revision materials and past papers through showbie and have been given revision guides for the course that they can annotate and work from. It is a good idea for them to be regularly reading and being tested on details from this book, we will be doing this in class but any extra support with this at home will pay dividends in the summer.

**Summer submissions:**

Examination: 2 hour paper on Thursday 15<sup>th</sup> June PM (Provisional), marked externally, 60% of final grade.

Coursework: approx. 30 hours marked internally, 40% of final grade.

Yours faithfully

Mr A Childs



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