



2026

# SELBORNE COLLEGE



HEAD OF EGD: MR G BISHOP

## ENGINEERING GRAPHICS AND DESIGN



PALMA VIRTUTI

# ENGINEERING GRAPHICS AND DESIGN

## MORE THAN A SUBJECT

At Selborne College, Engineering Graphics and Design (EGD) is an essential part of our mission to ensure boys become men of character. While the subject teaches technical drawing, its true value lies in the habits of mind it encourages in every Selbornian.

- **Character through Meticulous Focus:** EGD requires a level of "intellectual honesty" where even a one-millimetre error matters. This teaches boys to take responsibility for their work and develops the discipline to get things right the first time.
- **Leadership and Reliability:** In EGD, a boy learns that a project is only as strong as its weakest detail. By sticking to a strict schedule and managing complex tasks, he develops the excellence and reliability needed for significant roles in society.
- **Pride in Workmanship:** The subject fosters a "craftsman's spirit." Whether working by hand or on a computer, boys learn to take immense pride in the quality and presentation of their final product.
- **Modern Relevance:** In a rapidly changing world, the ability to visualise and solve problems is vital. EGD equips our young men with "spatial intelligence," preparing them for careers in engineering, architecture, and beyond.

Our philosophy is simple: just as rugby builds resilience, EGD builds the focus and grit required for a lifetime of achievement.

## THE SELBORNE APPROACH

We treat the EGD department as a professional studio where excellence is the standard. Our approach focuses on developing the whole student through:

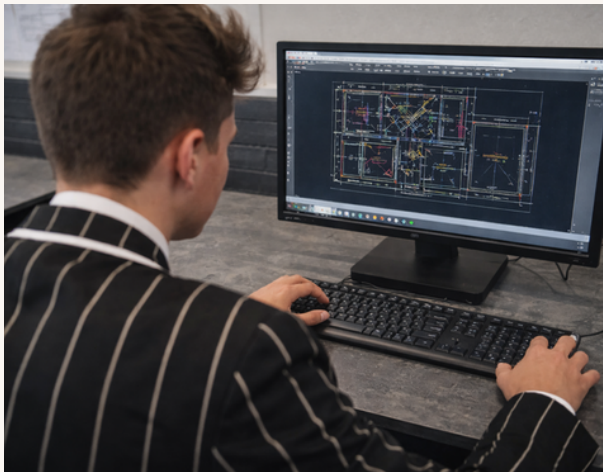
- **Teaching Philosophy:** We emphasize a "hands-on" foundation. By mastering manual drawing first, boys learn the patience and precision that digital tools cannot replace.
- **Extension and Enrichment:** We push beyond the basic syllabus. Boys tackle real-world design briefs that encourage them to think like professional innovators and problem-solvers.
- **Support Structures:** We provide a collaborative environment where educators and senior learners offer guidance, ensuring every boy has the tools to reach his full potential.
- **Assessment Culture:** We maintain a culture of high expectations. Regular, detailed feedback teaches boys how to handle professional critiques and work effectively under the pressure of deadlines.
- **Competitive Opportunities:** Through internal exhibitions and regional challenges, we encourage a healthy drive for greatness, teaching boys to "push their boundaries".



## EXCELLENCE IN ACTION

At Selborne, we believe that Excellence is the product of Selborne culture, bravery, hard work, and discipline. Our EGD results reflect the "Palma Virtuti" (Reward is to the Brave) spirit that defines our school.

- **Matric Performance:** The EGD department consistently achieves some of the highest subject averages in the College, with many learners achieving marks well above 70%.
- **Distinctions:** Our boys regularly earn distinctions in EGD, often placing among the top achievers in the province.
- **University Placements:** Our graduates are exceptionally well-prepared for tertiary studies, frequently securing spots in competitive degree programmes like BSc Engineering and Architecture.
- **A Culture of Success:** These achievements are not just about grades; they are evidence of the discipline and resilience our boys develop over their five-year journey at the College.



## BEYOND THE DRAWING ROOM

The EGD experience goes beyond the drawing board, offering boys a "well-rounded, holistic education" that connects them to the professional world.

- **Professional Engagement:** We host guest speakers and industry experts, many of whom are Old Selbornians, to give the boys a clear vision of their future career paths.
- **Site Visits:** Tours to engineering firms and construction sites allow boys to see their classroom concepts come to life in the real world.
- **Community and Leadership:** We encourage boys to use their design skills for the benefit of others, such as working on community projects that improve local infrastructure.
- **Inter-School Collaboration:** Through workshops and inter-school engagements, our boys test their skills against their peers, building a network of future professionals and leaders.





**SELBORNE**  
COLLEGE

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# THE SELBORNE MAN

At Selborne College, we are not merely preparing boys to pass examinations, win fixtures, or collect accolades. We are forming young men.

## **A Selborne man is:**

- **Intellectually Disciplined**  
He thinks carefully. He questions respectfully. He pursues understanding rather than surface familiarity. He is not afraid of rigour.
- **Morally Grounded**  
He understands responsibility. He acts with integrity when no one is watching. He knows that character is revealed in pressure.
- **Courageous in Effort**  
He does not withdraw from difficulty. Whether in the classroom, on the field, or on the stage, he learns to persist.
- **Articulate and Thoughtful**  
He can express his ideas clearly. He listens as well as he speaks. He engages the world with curiosity rather than cynicism.
- **Committed to Brotherhood**  
He understands that strength is built in community. He supports others. He leads by example.
- **Prepared for the Future**  
He leaves Selborne adaptable, capable, and ready to contribute meaningfully to society. Every subject, every sport, every society exists to shape these qualities.

That is the Selborne standard.

