

FREQUENTLY ASKED QUESTIONS

3D Design

Q 1. What GCSE subjects do I need to study 3D Design?

If you have studied Art, Design Technology, Product Design, Graphics or any other art-based subject then you would need to have gained a grade 5 or above.

Q 2. Q. Can I study 3D Design if I haven't got a GCSE in an art-based subject?

Yes, that is possible, but we would like to see a portfolio of your work. This can be paper models that you have made from watching a YouTube clip or it could be sketches that you have done at home. You would then need to bring them with you when you come to enrol.

Q 3. Q. If I study the 3D design what could I then go on to study at University?

After studying 3D Design at Loreto, students go on to study the following courses: Architecture, Product Design, Engineering, Interior Design, Animation, 3D Design, Transport Design, Furniture Design, Jewellery Design, Set Design, Industrial Design or Ceramics.

Q 4. Q. Is the course an A Level?

Yes, the course is studied over two years alongside two other A Level courses. It is 100% coursework. You will have to sit a 15-hour exam at the end of your second year, but this is a practical exam.

Q 5. What do you do on the course?

In Lower sixth, you will spend the first 14 weeks working with a wide range of materials and techniques such as paper, cardboard, clay, porcelain, wood and be taught how to use a range of CAD packages to allow work to be produced on the laser cutter and 3D Printer. You will then begin your Personal Investigation, which is worth 60% of your total A Level mark. The final stage of the course



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is your Externally Set Assignment and worth 40% of your total A Level mark; it is a practical exam over a 15-hour period.

Personal Investigation 60%

This project is personal to you, as you can choose exactly what you want to specialise in and carry out an investigation. You will research and analyse the work of numerous artists, then experiment with a wide range of materials and techniques gathering primary and secondary research to aid you. Next, you will come up with design ideas and develop them in to possible final concepts. Finally, you will produce either one or a range of final outcomes linking the whole project together. You will also be required to complete a related study which can be in the form of a document or a blog consisting of 1000-3000 words.

Externally Set Assignment 40%

You will be given a choice of seven questions and will need to undertake and complete one of these. This is exactly the same as the Personal Investigation, but studied over a shorter period of time. You are not required to write a related study for this assignment but will sit a 15-hour exam at the end of the course where you will be making a final outcome.

Q 6. Q. How many students are in a class?

Class sizes range from 16 – 20 students, this means that students have enough space in the class room to carry out all set tasks.

Q 7. Q. Does the course have an exam?

Yes, a practical exam, please refer to Externally Set Assignment.

Q 8. Q. What other subjects could I study alongside 3D design?

This all depends on your chosen future career. Students wishing to go into a career in architecture or engineering usually study 3D Design, Maths and Physics. Some students choose to study two art-based subjects. The choice is yours; you could choose subjects that you are good at and enjoy, or you could look at university websites to see what subjects they recommend for your chosen career.

Q 9. Do you use CAD on the course?



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Yes, we have invested in high quality equipment, including a Laser cutter and 3D printer. In order to use these machines, you will be taught how to use AutoCAD (used in industry), 2D Design Techsoft, Illustrator and Photoshop.

