

The Sixth Form at George Abbot

'Academic excellence within a vibrant community.'

Subject: Product Design and Design Engineering

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Pre Sixth Form Tasks

Task	Detail	Demonstrated		
		Yes	Partially	No
Tasks	<p>Task 1</p> <ul style="list-style-type: none"> • Create an Autodesk educational account: • To create a student, teacher, or school education account Search Autodesk Knowledge Network • Install Fusion 360. • Enrol and complete the following course: • https://academy.autodesk.com/course/129267/introduction-cad-learn-fusion-360-90-minutes <p>As evidence of the course, print the rendered images, and the detailed design drawings.</p> <p>Your work should be presented in an A4 folder or an electronic equivalent.</p> <p>Extension</p> <p>Using the skills you have learnt in this tutorial design your own lamp. Print the rendered images and design drawings.</p> <p>Task 2</p> <p>Developing your sketching is an area we will be looking at. To get you started look at these two YouTube channels:</p> <ul style="list-style-type: none"> • Spencer Nugent sketch-a-day on YouTube – (Sketch A Day - YouTube) • Product designer maker – (product designer maker - YouTube) <p>Start by having a go at drawing simple perspective shapes and shading. Try to focus on speed and quality.</p> <ul style="list-style-type: none"> • Simple Line Shading - part 1 - YouTube • Simple Line Shading - part 2 - YouTube <p>Have a go at some of the basic or more advanced drawing video techniques depending on your confidence. Build a portfolio of work to bring in and show your teacher in September. You could either do this in a sketch pad or individual sheets. A3</p>			

	size is preferable over A4 as it gives you more room to work. It is very important that you practice your sketching techniques before September as we will have limited time to practice these skills in class.			
Further Reading				
Additional task(s)				

All tasks completed	Yes	No
Subject Teacher Signature		