

Week of April 13-17, 2020

Industrial Arts

Jonathan Welch

GENERAL INFORMATION

Hello students. Welcome to Week 2 of our Remote Learning Program. I sincerely hope that you, your family members and friends are all keeping well and trust that over the forthcoming weeks we can all continue to learn from this experience. The following comments are designed to help support you in completing the tasks that you select. Please remember to contact me if you need support, guidance or anything else that you feel I can help with. I remain in constant contact with our school and despite currently being confined to working from home, am accessible at all times.

Office hours

Reminding you that my remote 'office hours' are:

- Monday 08:00 - 10:00
- Wednesday 11:00 - 1:00 PM
- Thursday 3:00 PM - 5:00 PM

However, please do not feel constrained by these stated times. If you have concerns or need support with any of the weekly tasks or indeed other matters, please do not hesitate to reach out to me.

Getting hold of me

The easiest way to contact me is through my school email address:

jonathon.welch@oakland5.org

What is the format for presenting work?

All work submitted must be original to you and where required, should always be presented using complete sentences and correct grammatical structure. Where research tasks are undertaken please cite references as appropriate.

Turning work in

This is extremely important! If work is not turned in, it cannot be graded. Please remember that, (as with 'regular school'), grades are needed to enable credit to be awarded. Once again, please be assured

that if, (for whatever reason), you are having difficulties completing work , I will do what I can to support you.

You may either email me your work, share it with me on Google, or leave a hard copy at school.

All work needs to be submitted by the due date and once again, this is important to stress. I am proposing to visit school once a week to collect assignments and, as in the past, will be grading this and providing feedback as soon as is practicable.

Returning tasks

At this stage I am proposing to return work as follows:

- If work is submitted electronically, I will provide comments to you electronically.
- If work is submitted as hard copy, I will provide written commentary directly to you and attach this to the work submitted. This may then be collected from school.

Books and supplies

In the absence of a formal textbook for any of my classes, I will do my utmost to ensure that all of the tasks suggested can be completed with the minimum of resources and supplies. Naturally, in a technologically driven world, access to the internet is useful. However this must not be seen as fundamental to completing any task. In all instances, please use whatever resources may be at your disposal to work towards completing a task. Once again it is important to complete something rather than to submit nothing. Beyond your imagination, flair and creativity, very little else will be required apart from maybe a few sheets of paper.

INSTRUCTIONS FOR HIGH SCHOOL STUDENTS

Following the instructions in each task, please attempt **one** of the following assignments.

This work is due to be completed and submitted by April 20th.

The estimated time to complete this task should take you somewhere between 20 minutes and 45 minutes. You may send the work to me either electronically, or as hard copy.

Drafting	Task 1	Task 2	Task 3
Tannar, in terms of tasks, my preference would be for you to continue working on the OSHA on-line training program. However, this does of	Please continue to work on the OSHA on-line training program. My on-line grade book confirms that you	Using the kitchen or food preparation area in your home, measure the sizes of any appliances (e.g., stove, refrigerator...). Is there	Using your house or any other structure, (for example a garden shed, storage barn etc) to which you have access, sketch five elevations of

<p>Drafting continued</p> <p>course depend on whether you have on-line access. Please remember there is a finite time for this program to be completed.</p>	<p>Task 1 continued</p> <p>have completed 2 of the 14 modules. The next unit to complete is "Exit Routes/EAP/Fire Assessment".</p>	<p>Task 2 continued</p> <p>any commonality in sizes? Next measure any wall, and base units under the countertop. Is there any commonality in sizes?. List the sizes of any appliances and wall and base units you were able to measure and write about your observations. Can you justify why perhaps these items might have been designed and developed on a modular basis?</p>	<p>Task 3 continued</p> <p>the building. Try and estimate the sizes such as length, width and height if you do not have a tape measure. You could use your pace as a guide for length if you wish. The five elevations or views of the structure should comprise a plan, (eagle or birds' eye view), two side elevations and two end elevations. Attempt to include key features such as doors, windows, chimneys and perhaps external pipework. Label each elevation as appropriate and if time permits add descriptions such as 'brick work, timber siding, wooden window etc).</p>
<p>Construction I</p> <p>For those students not having already completed their OSHA on-line training program, my preference would be for you to continue working on this. However, this does of course depend on whether you have on-line access. Students working on the OSHA program will continue to access their work and complete this electronically through the Career Safe website.</p>	<p>Task 1</p> <p>Please continue to work on the OSHA on-line training program. My on-line grade book confirms how far you have progressed and I am able to monitor your access to the site from outside of the classroom. The time available (20-45 minutes) should enable you to complete one additional unit. One student has</p>	<p>Task 2</p> <p>Looking at your house or home, select 8 building products (e.g., window, door), and identify the materials that have been used in their manufacture. For <u>each</u> building product, list the product, the materials incorporated and in your opinion, specify why you think the material has been used. Think about the characteristics of the materials that you select. For example, transparent, waterproof,</p>	<p>Task 3</p> <p>Using your house or any other structure, (for example a garden shed, storage barn etc) to which you have access, sketch five elevations of the building. Try and estimate the sizes such as length, width and height if you do not have a tape measure. You could use your pace as a guide for length if you wish. The five elevations or views of the structure should comprise a plan, (eagle or birds' eye view), two</p>

<p>Construction 1 continued</p>	<p>Task 1 continued</p> <p>completed all 14 units and is waiting to take the final assessment. If you are this student and you elect to undertake this task, you should spend your time revising for the final test. Please use the Study Guide for this.</p>	<p>Task 2 continued</p> <p>rust resistant etc. To gain extra credit, identify 10 building products, materials incorporated and state why you feel the materials were used for manufacture.</p>	<p>Task 3 continued</p> <p>side elevations and two end elevations. Attempt to include key features such as doors, windows, chimneys and perhaps external pipework. Label each elevation as appropriate and if time permits add descriptions such as 'brick work, timber siding, wooden window etc.</p>
<p>Construction II</p>	<p>Task 1</p> <p>Update your current resume to incorporate this time away from school. Are you able to explain what you are doing during this time and how you may be using it to help prepare for your future career? You may perhaps be reading, exercising or researching College programs or work opportunities. Send a copy of your amended resume to my email: jonathon.welch@oakland5.org</p>	<p>Task 2</p> <p>Please ensure that you have fully completed your dimensioned final design for your end of year Senior project.</p>	<p>Task 3</p> <p>We have discussed the possibility of using wood salvaged from the bleachers to make memorabilia that could be marketed and sold to previous students of Oakland schools and other interested parties. Think about one specific, (and realistic), product that could be promoted. Prepare a one-page summary outlining the proposed product and your justification as to why you are of this opinion.</p>