

Week of April 6-10, 2020

Industrial Arts

Jonathan Welch

GENERAL INFORMATION

Hello students. Wow, what a shock this is to all of us! I sincerely hope that you, your family members and friends are all keeping well and trust that over the forthcoming weeks we can all learn from this experience. I have attached some comments to help you to complete your tasks and want to stress that it is important 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 through the wonder of technology!.

Office hours

With effect from April 6th, my remote 'office hours' will be:

- 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

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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 comment 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 13th.

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.

Class / Comment	Choice 1	Choice 2	Choice 3 (Enrichment)
Drafting In terms of tasks, my preference would be for you to continue working on the OSHA on-line	Please continue to work on the OSHA on-line training program. My on-line grade book confirms that you	Thinking about the 'Bridge Bust' competition, and the work that you have completed to date, develop a report	Using your house or any other structure, (for example a garden shed, storage barn etc) to which you have access, sketch five elevations of

Drafting

<p>training program. However, this does of course depend on whether you have on-line access.</p>	<p>have completed 2 of the 14 modules. The next unit to complete is "Exit Routes/EAP/Fire Assessment".</p>	<p>discussing each stage of the process. The report should be no more than a single page in length and be prepared on a 'step by step' basis. I would suggest that one detailed paragraph for each step is sufficient. Remember to include the 'Brief' and 'Specification' as steps within the process.</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>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 completed all 14 units and is waiting</p>	<p>Thinking back to the Construction Trades Expo and any other additional personal experience, select one building trade profession and describe what this career entails. Think also about how working in this trade interfaces with other trades and who ultimately has responsibility for the quality of work performed. Produce no more than a one-page summary of the profession and through practical examples, illustrate the scope of</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 side elevations and two end elevations. Attempt</p>

Construction I

	<p>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>work that might typically be undertaken.</p>	<p>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>Reflecting on the musical instrument storage project, please develop a one page summary of the design difficulties experienced. For example, one area that may have caused issues was the initial accuracy with which the instruments might have been measured. In addition to identifying areas for improvement, how were hurdles overcome?</p>	<p>Please ensure that you have fully completed your dimensioned final design for your end of year Senior project.</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>