



Orange High School
Stage 5
ASSESSMENT TASK

SUBJECT: Information and Software Technology

YEAR: 10

TOPIC: Database Design

TASK WEIGHTING: 30%

DATE GIVEN: Wednesday 19th May 2021

DUE DATE: Friday 25th June 2021 Week 10
On Google Classroom

ASSESSMENT OUTLINE:

Task 1 (50 marks)

- I. Find an advertisement for an IT Position in the following IT fields. 75% of the positions MUST be found in Australia.
 1. Services (Systems deployment, support, repair. Careers in this field are responsible for deploying and managing computer systems and software, providing technical support and maintaining information systems.)
 2. Software (Mobile Applications, network security, desktop applications. Careers in this field are responsible for planning, designing, updating and managing computer software and systems through software programming and development.)
 3. Infrastructure (Cloud Computing, Internet, Telecommunications)
 4. Hardware (Servers, mobile devices, network systems, computer. Careers in this field are responsible for designing, analyzing, developing and implementing network systems)
 5. Web & Digital Communications (Careers in this field are responsible for the creation and production of interactive media, including digital and multimedia products.)

- II. Each of your jobs must cover the following (If it is not mentioned, you must include the note – “***Not Included***” to show you have looked and considered each section);
 - a. What is the title of the position?
 - b. What are the main responsibilities of the position?
 - c. What qualifications do you need?
 - d. What experience do you need?
 - e. What is the location of the position?
 - f. What salary is offered for the position?
 - g. Who is the proposed employer?
 - h. What is the proposed employer’s contact address and phone number?
 - i. What future career options are there in this position?
 - j. Where did you find this advertisement? (provide a date and website, newspaper details)

- ❖ Save this file as “**DatabaseAssessTask1_YourName**” AND UPLOAD TO THE GOOGLE CLASSROOM

Task 2 (20 marks)

It is said that in the jobs our society will have in the future do not exist yet, or are only in its infancy. Most of these jobs/occupations will have something to do with technology.

- Research possible jobs/occupations that might exist in the future or are starting in their infancy now. (eg Mobile, Data Security, Big Data) Write a (minimum one paragraph - maximum 1 page typed) description of the occupation/job and include a justification as to why it would exist in our future society.
- Consider the following to assist your description and justification;

Who? *Who would do this job? Who would need this to help them?*

What? *What would the job concentrate on/do?*

When? *When would it exist? 20years in the future?*

Where? *Where would you do this job?*

Why? *Why would this occupation be necessary to our society?*

How? *How would this job make things better for people in our society?*

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OUTCOMES ASSESSED

5.2.2 designs, produces and evaluates appropriate solutions to a range of challenging problems

5.5.3 describes and compares key roles and responsibilities of people in the field of information and software technology

5.5.2 communicates ideas, processes and solutions to a targeted audience

Non-Completion of Task:

If you know you are going to be away on the day that the task is due, you must make alternative arrangements with your teacher beforehand. If you are suddenly away on the day that the task is due, you must contact your teacher or Head Teacher on your return to school. Documentation will be required in both cases.

Failure to follow the above procedures may result in a zero award.

The policies and procedures that are outlined on the RoSA booklet will be followed regarding the non-completion of assessment tasks.

Plagiarism:

Please Note: that plagiarism, the using of the work of others without acknowledgement, will incur serious penalties and may result in zero award. Any cheating will also incur penalties.

Marking Guide

Task 1 (for each article – 50 marks)

ARTICLE 1:	
a. What is the title of the position?	/1
b. What are the main responsibilities of the position?	/1
c. What qualifications do you need?	/1
d. What experience do you need?	/1
e. What is the location of the position?	/1
f. What salary is offered for the position?	/1
g. Who is the proposed employer?	/1
h. What is the proposed employer's contact address and phone number?	/1
i. What future career options are there in this position?	/1
j. Where did you find this advertisement? (provide a date and website, newspaper details)	/1
TOTAL:	/10