



Province of the
EASTERN CAPE
 EDUCATION

DIRECTORATE SENIOR CURRICULUM MANAGEMENT (SEN-FET)
HOME SCHOOLING SELF-STUDY WORKSHEET

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|------------------------|--|--|----|-----------------------|---------------|
| SUBJECT | COMPUTER APPLICATIONS TECHNOLOGY | GRADE | 12 | DATE | 15/04/20 |
| TOPIC | Software: Interpreting system requirements | TERM 1 REVISION | ✓ | TERM 2 CONTENT | (Please tick) |
| TIME ALLOCATION | 30 Minutes | <u>TIPS TO KEEP HEALTHY</u> | | | |
| INSTRUCTIONS | <ol style="list-style-type: none"> This is a Theory Worksheet: You will need a book to write your answers in and something to write with. Answer the following questions in your workbook. WHERE TO FIND THE ANSWERS: <ul style="list-style-type: none"> You may use your CAT textbook to find the answers or alternatively, you can use the free downloadable CAT textbook provided by the Department of Basic Education. See the link below to download this book. THEORY COMPUTER APPLICATIONS TECHNOLOGY: https://drive.google.com/drive/folders/17mOqPgJ1vHiwcErERV10jnEQgd6xpyj-?usp=sharing With thanks to the Department of Basic Education and the sponsorship of MTN this digital book and exercises are utilized by our CAT Grade 12 learners | <ol style="list-style-type: none"> WASH YOUR HANDS thoroughly with soap and water for at least 20 seconds. Alternatively, use hand sanitizer with an alcohol content of at least 60%. PRACTICE SOCIAL DISTANCING – keep a distance of 1m away from other people. PRACTISE GOOD RESPIRATORY HYGIENE: cough or sneeze into your elbow or tissue and dispose of the tissue immediately after use. TRY NOT TO TOUCH YOUR FACE. The virus can be transferred from your hands to your nose, mouth and eyes. It can then enter your body and make you sick. STAY AT HOME. | | | |



Activity 3.3

1. Say if the following statements are TRUE or FALSE. Correct the underlined word(s) if they are false.
 - a. If your software does not meet the system requirements, it means that the software will not work.
 - b. Running out of RAM may cause programs to stop working.
 - c. Certain programs cannot work if you do not have the right operating system.
 - d. Modern laptops (after 2009) meet systems requirements for Office packages (for example, Microsoft Word, Microsoft Excel and Microsoft PowerPoint).
 - e. A computer will not function properly if it contains software instructions that cannot be performed by the hardware.
2. You have recently purchased the Dell laptop described below.
The requirements to run Windows 10, an image editing software and two games are given.
Use the information given to answer the questions that follow.

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| Minimum requirements, <i>Call of Duty 4: Modern Warfare 2</i> OS: Win 7 × 64 Processor: Intel Core i3-530 2.9 GHz / AMD Phenom II X4 810 Graphics: AMD Radeon HD 7850 or NVIDIA GeForce GTS 450 v4 VRAM: 1 Gb System Memory: 6 Gb RAM Storage: 55 Gb hard-drive space DirectX 11 compatible graphics card | Recommended requirements, <i>Call of Duty 4: Modern Warfare 2</i> OS: Win 10 × 64 Processor: Intel Core 2 Duo E8500 3.16 GHz / AMD Athlon II X3 415e Graphics: AMD Radeon R7 265 or NVIDIA GeForce GTX 750 Ti VRAM: 2 Gb System memory: 6 Gb RAM Storage: 55 Gb hard-drive space |
|---|---|

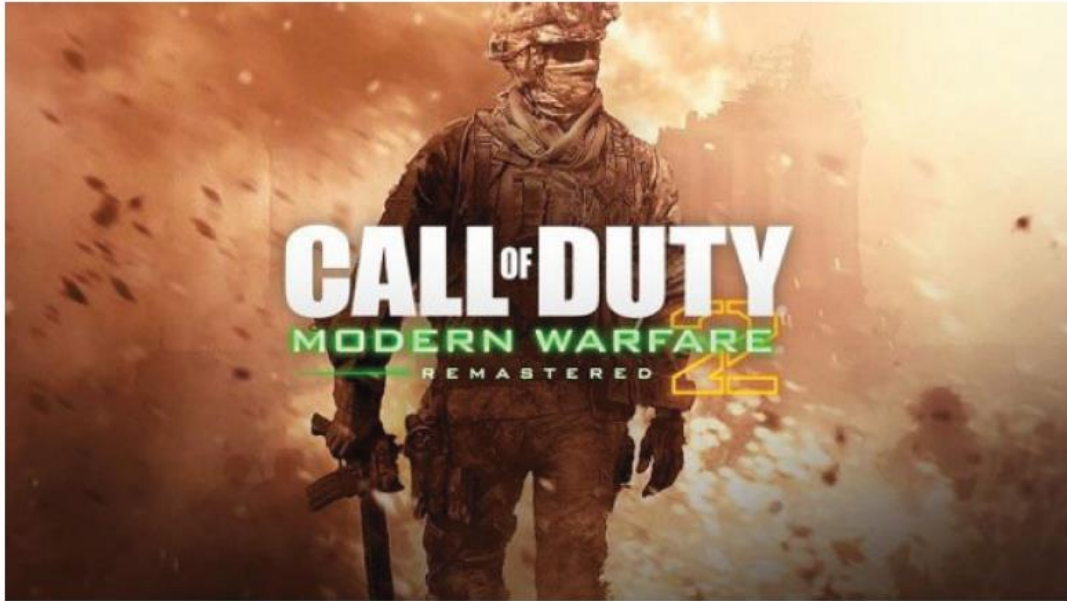


Figure 3.9: *A scene from “Call of Duty 4”*

- a. What difference does it make to your computer when you run a program that makes the minimum requirement, compared to a program that is run at the recommended requirements?
- b. Does the Dell laptop have the minimum requirements for Windows 10? Show how you came to this answer.
- c. What does OS mean in the “Call of Duty” game requirements?
- d. What does display resolution 1366×768 mean?
- e. What is meant by “touch display”?
- f. Give an example of an image editing software program.
- g. Can the “Call of Duty: Modern Warfare 2” and image editing software be installed on the laptop?
- h. List the different processors' names in the advertisements and sort them from fastest to slowest.