 Province of the

EASTERN CAPE

EDUCATION

**DIRECTORATE SENIOR CURRICULUM MANAGEMENT (SEN-FET)**

**HOME SCHOOLING SELF-STUDY WORKSHEET ANSWER SHEET**

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| **SUBJECT** | INFORMATION TECHNOLOGY PRACTICAL | **GRADE** | 10 | **DATE** | 11 May to 15 May 2020 |
| **TOPIC** | Revision – Flowcharts and Trace Tables | **TERM 1****REVISION** | (Please tick) | **TERM 2 CONTENT** | ✓ |
| **TIME ALLOCATION** | 2hr | **TIPS TO KEEP HEALTHY**1. **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%.2. **PRACTISE SOCIAL DISTANCING** – keep a distance of 1m away from other people.3. **PRACTISE GOOD RESPIRATORY HYGIENE**: cough or sneeze into your elbow or tissue and dispose of the tissue immediately after use.4. **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. 5. **STAY AT HOME.**  |
| **INSTRUCTIONS** | Resources used// Most of this week’s work is taken from the New DBE book chapter 5* Information Technology Practical Book Grade 10 Practical, DBE
* Past Exam Papers

Answer all questions |
|  | Solution to the activitySolutions:**Activity 1**1.Line 1: Enter the length of the roomLine 2: Enter the width of the roomLine 3: Area = Length x WidthLine 4: Display area2.a.Line 1: Enter the length of the loungeLine 2: Enter the width of the loungeLine 3: AreaLounge = LengthLounge x WidthLoungeLine 4: Display area of loungeLine 5: Enter the length of bedroom 2Line 6: Enter the width of the bedroom 2Line 7: AreaBedroom2 = LengthBedroom2 x WidthBedroom2Line 8: Display area of bedroom 2Line 9: TotalArea = AreaLounge + AreaBedroom2Line 10: Display TotalAreab.

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| **Input** | **Processing** | **Output** |
| Enter the length of the loungeEnter the width of the loungeEnter the length of bedroom Enter the width of the bedroom 2 | AreaLounge = LengthLounge x WidthLoungeAreaBedroom2 = LengthBedroom2 x WidthBedroom2TotalArea = AreaLounge + AreaBedroom2 | Display area of loungeDisplay area of bedroom 2Display TotalArea |

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